#### EXHIBIT N3

# DISCHARGE MONITORING REPORTS MALVERN HUNT WASTEWATER TREATMENT PLANT

HEADER INFORM	MATION				
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355
Permit Number:	1599418	Monitoring Period:	01/01/2016-01/31/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355

PARAMETERS REPORTED VALUES										
Sampling Point		001		Stage Code	Stage Code				No Discharge Indicator	Y
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency
Flow	Sample Measurement	***	***	gal	***	***	***	***		
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	***	***	mg/L		
(CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0446	***	MGD	***	***	***	***	Recorded	Continuous
1.04	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous
Facility Comments	•	Spray fields h	ave been shut	down for the wint	er.	•	•	•	•	•

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment

PERMIT VIO	DLATIONS														
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Lo Value	oad Units	Sampling Point ID	Cause Of NC		Correc	ctive Action		С	Comments
UNAUTHOF	RISED DISCH	HARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discover	ed Substa Discha		Location Vo	olume	Duration	Receiving Waters	Impact Water		Cause Of Discharge	DEP Notified	Commen	nts
OTHER PE	RMIT VIOLA	TIONS													
Non Compliance ID	Stage Code (S	ampling Point)		Reported Para	ameter	Non Compliance	Туре	Comments							
COMMENTS	S DETAILS														
Comment						Operator Name							Operator Certi Number	fication	Operator Contact Number
January 14, 20 Influent Flow =		oling results: BO	D5 = 168 mg/L; <sup>-</sup>	TSS = 142 mg/l	.; Average Daily	Paul F. Ruffini							S6899		717 278-3444

#### SUBMISSION INFORMATION

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	2/11/2016

HEADER INFOR	MATION				
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355
Permit Number:	1599418	Monitoring Period:	02/01/2016-02/29/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355

Sampling Point		001		Stage Code	Stage Code				No Discharge Indicator	Υ
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency
Flow	Sample Measurement	***	***	gal	***	***	***	***		
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month
Н	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
ecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	***	***	mg/L		
CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0488	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment

PERMIT VIC	JLA HONS														
Non Compliance ID	Event Begin Date	Event End Date	Parameter		Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC		Correcti	ive Action		Cor	mments
UNAUTHOF	RISED DISCI	HARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discover	red Substa Discha		Location	Volume	Duration	Receiving Waters	Impact Water		Cause Of Discharge	DEP Notified	Comments	3
OTHER PE															
Non Compliance ID	Stage Code (S	Sampling Point)		Reported Para	meter	Non Compliar	nce Туре	Comments							
COMMENTS	S DETAILS														
Comment						Operator Nam	ne						Operator Certi Number	fication	Operator Contact Number
Raw influent da mg/L.	ata: Influent flow	= 0.0488 MGD;	Influent BOD5 =	: 179 mg/L; Influ	ent TSS = 122	Paul F. Ruffini							S6899		717 278-3444

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Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	3/8/2016

HEADER INFORM	MATION				
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355
Permit Number:	1599418	Monitoring Period:	03/01/2016-03/31/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355

Sampling Point		001		Stage Code	Stage Code				No Discharge Indicator	N	
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	1290196	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
pH	Sample Measurement	***	***	***	7.5	***	7.97	S.U.	Grab	2/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	5	5	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.041619	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	<2	<2	mg/L	Grab	1/month	
(CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0405	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	

ATTACHMENT DETAILS							
File Name	Attachment Type	Uploaded Time	Attachment Comment				
Mar 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-04-12T13:52:14-04:00					
Cryptographic Hash Value of File (SHA-512)	D573E27EF724A4A84F0DE47248DB4	CD6733ED80F4F0F8DFD961471010A	A55C231C5FC4C4D48C95298C4C09D83EA97AC2B0614A42F23638364037307EF7AAC599				
Mar 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-04-12T13:51:44-04:00					
Cryptographic Hash Value of File (SHA-512)	829AC8A5E2C15AA89FD562AC6B70DBE930096F398FF09562AFB231E1B29A868B9E18A2535BF71C8B812575974AC90F5569B5A542D936DC8F835F44CB6BE5E45B						

PERMIT VIC	JLA HONS														
Non Compliance ID	Event Begin Date	Event End Date	Parameter		Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC		Correct	ive Action		Co	mments
UNAUTHOR	RISED DISCI	HARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discover	red Substa Discha		Location	Volume	Duration	Receiving Waters	Impact Water		Cause Of Discharge	DEP Notified	Comments	S
OTHER PEI															
Non Compliance ID	Stage Code (S	Sampling Point)	)	Reported Para	meter	Non Compliar	nce Type	Comments							
COMMENT	S DETAILS														
Comment						Operator Nam	ie						Operator Certi Number	fication	Operator Contact Number
Raw Influent Data: Average Daily Flow = 0.0405; Influent BOD5 = 211 mg/L; Influent TSS = 200 mg/L					Paul F. Ruffini				S6899		717 278-3444				

#### SUBMISSION INFORMATION

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Section 4304 (relating to unsworn faisincation to at	iti lonties).		
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	4/12/2016



#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	3(select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	olication due 180 d	ays.prior to exp	oiration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	December 31, 20	016

Week	Sun Mon Tue	Stage Date	1 MGD	Q	mg/L	<u> </u>		1								
1	Sun Mon		MGD	Q	ma/L			Ь.		L					<u> </u>	
	Mon					Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q	Q	
	Mon															
	Mon															
	Mon															
2		2/28/16	0.0			$\vdash$										
2	Tue I	2/29/16	0.0			$\vdash$										
2		3/1/16	0.0			$\vdash$										
2	Wed Thu	3/2/16	0.0													
2	Fri	3/3/16 3/4/16	0.0			$\vdash$		$\vdash$		$\vdash$		_			$\vdash$	
2	Sat	3/5/16	0.0			$\vdash$						_				
	Sun	3/6/16	0.0484													
	Mon	3/7/16	0.0357	<	2.0	1	5.0				7.5					
	Tue	3/8/16	0.05163	$\rightarrow$	2.0	$\vdash$	3.0	<	1.0		7.5					
	Wed	3/9/16	0.05163					$\vdash$	1.0							
	Thu	3/10/16	0.05163													
	Fri	3/11/16	0.05163													
	Sat	3/12/16	0.05163	$\vdash$		$\vdash$										
3	Sun	3/13/16	0.05163			$\vdash$										
<u> </u>	Mon	3/14/16	0.0242													
	Tue	3/15/16	0.0309													
	Wed	3/16/16	0.0547													
	Thu	3/17/16	0.0572													
	Fri	3/18/16	0.05045													
	Sat	3/19/16	0.05045													
4	Sun	3/20/16	0.0604													
	Mon	3/21/16	0.05287													
	Tue	3/22/16	0.05287													
	Wed	3/23/16	0.05287													
	Thu	3/24/16	0.05635													
	Fri	3/25/16	0.05635													
	Sat	3/26/16	0.0562								7.97					
5	Sun	3/27/16	0.0562													
	Mon	3/28/16	0.0564													
	Tue	3/29/16	0.0394													
	Wed	3/30/16	0.0394													
	Thu	3/31/16	0.0491													
	Fri	4/1/16	0.05885													
	Sat	4/2/16	0.05885				T T)	7 (1)		3		3 6 6	10.	7 40	 10 mm ()	_
	s for DMR															
	-	ım (Conc.):	· ·	<	2		5	<	1 1		7.5					
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~		hly (Conc.):		<	2		5									
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M	lax Avg We		0.055414	٧	0.6	$\sqcup$	1	$\sqcup$								
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	Daily Minim		0	<	0.6	$\vdash$	1									
	Daily Maxim		0.0604	~	0.6	$\vdash$	<u> </u>	$\vdash$		$\vdash \vdash$		<u> </u>			$\vdash$	
	-any maxim	(Loud).	0.000-1	`	0.0		•									

aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	12-Apr-16



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malverr	Hunt STP	Month: 3 (Select number)	Year: 2016
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahic		This permit will expire on: 31	-Dec-16

			7000 4	7000 0	7ana. 2	7000	I Zanai			Average	
			Zone: 1	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone: Acres:	Zone:	Drasin	.!t-tlan	Average Temp	
	Davi	Data	Acres: 6.16  Gallons			Acres: Gallons	Acres:		itation	remp °F	Cround Conditions
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	7	Ground Conditions
<b>⊩</b>											
1	Sun	2/28/16	0	0	0						
<b>⊩</b> ' ⊢	Mon	2/29/16	0	0	0						
	Tue	3/1/16	0	0	0						
	Wed	3/1/16	0	0	0					32	Frozen
$\vdash$	Thu	3/3/16	0	0	0					32	1102611
$\vdash$	Fri	3/4/16	0	0	0						
$\vdash$	Sat	3/5/16	0	0	0						
2	Sun	3/6/16	24,200	24,200	0						
<b> </b>	Mon	3/7/16	17,850	17,850	0						
	Tue	3/8/16	25,816	25,816	0						
	Wed	3/9/16	25,816	25,816	0						
	Thu	3/10/16	25,816	25,816	0						
	Fri	3/11/16	25,816	0	25,816						
	Sat	3/12/16	25,816	0	25,816						
3	Sun	3/13/16	25,816	0	25,816						
	Mon	3/14/16	12,100	0	12,100					70	Dry
	Tue	3/15/16	15,450	15,450	0					61	Dry
	Wed	3/16/16	27,350	27,350	0					55	Dry
	Thu	3/17/16	28,600	28,600	0					58	Dry
	Fri	3/18/16	25,225	25,225	0						,
	Sat	3/19/16	25,225	25,225	0					40	Dry
4	Sun	3/20/16	30,200	30,200	0					50	Dry
	Mon	3/21/16	26,433	26,433	0						
	Tue	3/22/16	26,433	26,433	0						
	Wed	3/23/16	26,433	26,433	0					70	Dry
	Thu	3/24/16	28,175	28,175	0						
	Fri	3/25/16	28,175	28,175	0						
	Sat	3/26/16	28,100	28,100	0					39	Dry
5	Sun	3/27/16	28,100	28,100	0						
	Mon	3/28/16	28,200	28,200	0			0.30	Rain	55	Dry
	Tue	3/29/16	0	19,700	19,700					55	Dry
	Wed	3/30/16	0	19,700	19,700					65	Dry
$\square$	Thu	3/31/16	0	24,550	24,550					65	Dry
	Fri	4/1/16	0	29,425	29,425					78	Dry
	Sat	4/2/16	0	29,425	29,425						
		nly Totals:	581,145	555,547	153,498			0.30			
		x Weekly:	193,949	193,949	122,800	0	0				
Inch	nes/Acre/W	eek (Max):	1.16	1.15	0.74	0.00	0.00	l			

Prepared By:	Paul F. Ruffini	License	e No.:	S 6899	
Title:	Agent	Date:	4/12/2016		

HEADER INFORI	MATION				
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355
Permit Number:	1599418	Monitoring Period:	04/01/2016-04/30/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355

Sampling Point		001		Stage Code	Stage Code				No Discharge Indicator	N
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency
Flow	Sample Measurement	1686896	***	gal	***	***	***	***	Calculation	1/month
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month
Н	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	<5	<5	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.05623	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	<2	<2	mg/L	Grab	1/month
CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0433	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous

ATTACHMENT DETAILS								
File Name	Attachment Type	Uploaded Time	Attachment Comment					
Apr 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-05-24T08:44:52-04:00						
Cryptographic Hash Value of File (SHA-512)	56B299C6FCE50985E8B58240EA80	AF8655768346273A24FB58CC5410A6C	9C2307E132526BF1DD6E4B0647B8F8ADD38D753FB46F4D4D81B41702528F17802A3F9					
Apr 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-05-24T08:45:30-04:00						
Cryptographic Hash Value of File (SHA-512)	D889D1CFC7D41ED2CA56FAAE2DF	D889D1CFC7D41ED2CA56FAAE2DFB5FAA684029FC914A160BFD17819E9F0F18636240673DCFB189DF817051DEB06A8BFBB532CE4285591D6E653E6DA8C88C4273						

PERMIT VIO	DLATIONS																				
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted I Value	Load Units	Sampling Point ID	Cause Of NC		Corrective Action		Corrective Action		Comm		corrective Action		Con		Comments
UNAUTHOF	UNAUTHORISED DISCHARGES																				
Non Compliance ID	Event Begin Date	Event End Date	Time Discover	ed Substa Discha		Location	Volume	Duration	Receiving Waters	Impact Water		On Cause Of DEP Notified Comments			nts						
OTHER PE	OTHER PERMIT VIOLATIONS																				
Non Compliance ID	Stage Code (S	ampling Point)		Reported Para	ameter	Non Compliance Type Comments															
COMMENTS	COMMENTS DETAILS																				
Comment											Operator Certification Number		Operator Contact Number								
Raw Influent Data: Influent Flow = 0.0433 MGD; Influent BOD5 = 189 mg/L; Influent TSS = 170 mg/L			Paul F. Ruffini					S6899		717 278-3444											

#### SUBMISSION INFORMATION

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

Section 4304 (relating to unsworm faisineation to ac	atriorities).		
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	5/24/2016



#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	4 (select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	lication due 180 d	ays prior to exp	piration.
Laboratories:	ALS Environmental			This permit w	vill expire on:	December 31, 20	)16

Labo	natories.	ALC	LS Environmental								December 31, 2016						
*																	
		_ 1						l _									
		Parameter	Flow		CBOD5		TSS	F∈	cal Coliform		рН						
								l									
		Ctorro	1					1				l		ı			
f		Stage		_		-		<u> </u>	0511/100	_		-		⊢	1	_	
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1 1	Fri	4/1/16	0.05885									l		ı			
	Sat	4/2/16	0.05885														
1	Sun	4/3/16	0.0496														
$\vdash$	Mon	4/4/16	0.0574									<b>—</b>		<b>-</b>			
$\vdash$		4/5/16												-			
$\vdash$	Tue		0.0531					-				-					
	Wed	4/6/16	0.0531														
$\square$	Thu	4/7/16	0.0531														
1 1	Fri	4/8/16	0.0542					l									
	Sat	4/9/16	0.0576														
2	Sun	4/10/16	0.0576														
$\vdash$	Mon	4/11/16	0.0711	<	2.0	<	5.0	<	1.0		8.1			<del>                                     </del>			
$\vdash$	Tue	4/11/16	0.0711	$\vdash$	2.0	$\vdash$	5.0	H	1.0		0.1	<del>                                     </del>		$\vdash$			
$\vdash$	Wed	4/12/16	0.0711					-				-		<u> </u>			
$\blacksquare$																	
	Thu	4/14/16	0.0811														
1 1	Fri	4/15/16	0.04877														
	Sat	4/16/16	0.04877														
3	Sun	4/17/16	0.04877														
$\vdash$	Mon	4/18/16	0.0528									<b>-</b>					
$\vdash$	Tue	4/19/16	0.06106	$\vdash$				$\vdash$				<del>                                     </del>		-		<b>-</b>	
$\vdash$																	
$\vdash$	Wed	4/20/16	0.06106														
$\square$	Thu	4/21/16	0.06106														
	Fri	4/22/16	0.06106														
	Sat	4/23/16	0.06106														
4	Sun	4/24/16	0.0627														
	Mon	4/25/16	0.0														
$\blacksquare$	Tue	4/26/16	0.04627											┢			
$\vdash$	Wed	4/27/16	0.04627														
$\vdash$		4/28/16															
$\vdash$	Thu		0.04627														
$\square$	Fri	4/29/16	0.0666														
1 1	Sat	4/30/16	0.0666					l									
5																	
$\vdash$								$\vdash$						<del>                                     </del>			
$\vdash$								$\vdash$				_		$\vdash$			
$\vdash$				$\vdash$				$\vdash$				_		<u> </u>		_	
$\vdash$				$\vdash$				<u> </u>						<u> </u>			
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<u> </u>			in				T	7.0		7	- 4	0 = 0	11		-	D - 1	
Statist	ics for DMR																
	Daily Minim	um (Conc.):	y	<	2	<	5	<	1		8.1						
	Daily Maxim			<	2	<	5	<	1		8.1			$\vdash$			
1	Max Avg Wee			<	2	<	5				-			<del>                                     </del>			
		thly (Conc.):		· <	2	<	5	1				-		<del> </del>			
	Geometric Me			$\vdash$		$\vdash \vdash$	,	-	1	$\vdash$				├		<b>—</b>	
,	May Acce 144	saldy (L)	0.064040	لـــا	4	ليلا	-	L`	•								
	Max Avg We		0.064219	٧	1	<	3										
		nthly (Load):	0.05623	<	1	<	3	L_				L		L		L_	
	Total Mor	nthly (Load):	1.686896	<	36	<	89										
		num (Load):	0	<	1	<	3										
	Daily Maxim	num (Load):	0.0811	<	1	<	3										
	Daily Waximum (Load,								1		1						

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	24-May-16



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malvern	Hunt STP	Month: 4 (Select number)	Year: 2016
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spray
Watershed:	3F-Wissahic		This permit will expire on: 31-	Dec-16

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:			Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
	Fri	4/1/16	0	29,425	29,425						
	Sat	4/2/16	0	29,425	29,425			0.40	Rain	50	Wet
1	Sun	4/3/16	0	24,800	24,800					45	Damp
	Mon	4/4/16	28,700	0	28,700			0.20	Rain	55	Wet
	Tue	4/5/16	26,550	0	26,550					45	Damp
	Wed	4/6/16	26,550	0	26,550						
	Thu	4/7/16	26,550	0	26,550					44	Dry
	Fri	4/8/16	27,100	0	27,100					44	Dry
	Sat	4/9/16	28,800	28,800	0			0.10	Snow	38	Wet
2	Sun	4/10/16	28,800	28,800	0						
	Mon	4/11/16	35,550	35,550	0			0.20	Rain	60	Damp
	Tue	4/12/16	35,550	35,550	0						
	Wed	4/13/16	35,550	35,550	0						
	Thu	4/14/16	40,550	0	40,550					60	Dry
	Fri	4/15/16	24,383	0	24,383					66	Dry
	Sat	4/16/16	24,383	0	24,383						
3	Sun	4/17/16	24,383	0	24,383						
	Mon	4/18/16	26,400	0	26,400					82	Dry
	Tue	4/19/16	0	30,530	30,530					74	Dry
	Wed	4/20/16	0	30,530	30,530						
	Thu	4/21/16	0	30,530	30,530						
	Fri	4/22/16	0	30,530	30,530						
	Sat	4/23/16	0	30,530	30,530						
4	Sun	4/24/16	31,350	31,350	0						
	Mon	4/25/16	0	0	0						
	Tue	4/26/16	23,133	23,133	0						
	Wed	4/27/16	23,133	23,133	0						
	Thu	4/28/16	23,133	23,133	0						
	Fri	4/29/16	33,300	0	33,300			0.20	Rain	55	Wet
	Sat	4/30/16	33,300	0	33,300						
5											
		thly Totals:	607,148	501,299	578,449			1.10			
		ax Weekly:	224,766	152,650	203,433	0	0				
Inch	nes/Acre/W	eek (Max):	1.34	0.91	1.22	0.00	0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899		
Title:	Agent	Date:	5/24/2016		
			•		

HEADER INFORM	HEADER INFORMATION												
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355								
Permit Number:	1599418	Monitoring Period:	05/01/2016-05/31/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355								

Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator	N	
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	2614899	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
DH H	Sample Measurement	***	***	***	7.7	***	7.7	S.U.	Grab	1/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	<5	<5	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0844	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	<2	<2	mg/L	Grab	1/month	
CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0468	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	

ATTACHMENT DETAILS													
File Name	Attachment Type	Uploaded Time	Attachment Comment										
May 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-06-14T13:26:51-04:00											
Cryptographic Hash Value of File (SHA-512)	E6510A35F9D6E700C088981AC67B2	E02605AF59CD7D853F2C0C48F08514	6BC56B7D8606C576DE714DEF3AC4ABC6B320A091E5C9CC23C2B83194FAB6956E52524										
May 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-06-14T13:27:23-04:00											
Cryptographic Hash Value of File (SHA-512)	A4A2EF1602CEFEFA88C6329072169	FF0833A3E63A6B278E5D2889580F78	7190FA3FA62C3D998E0F18C5CA94E56ABCBFAD643F9FFF5473F08B672708F78E5F691										

PERMIT VI	OLATIONS															
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reporte Value	d Per Val	mitted ue	Load Units	Sampling Point ID	Cause Of NC		Corre	ctive Action		Commen	ıts
UNAUTHO	RISED DISC	HARGES														
Non Compliance ID	Event Begin Date	Event End Date	Time Discove		tance parged	Event Loca	ation	Volume	Duration	Receiving Waters	Impact Water	t On	Cause Of Discharge	DEP Notified Commo	ents	
OTHER PERMIT VIOLATIONS																
Non Compliance ID	Stage Code (S	Sampling Point	)	Reported Pa	rameter	Noi	n Compliai	nce Type	Comments							
COMMENT	S DETAILS															
Comment						Оре	Operator Name							Operator Certification Number	0	perator Contact Number
						Pau	ıl F. Ruffini							S6899	7	17 278-3444
SUBMISSIO	ON INFORMA	ATION														
official information	mation. You on ather and even submitted is,	certify under aluate the inf to the best o	penalty of lav	w that this do mitted. Bas edge and be	cument ed on you	and all at ur inquiry	tachmen of the pe	nts were preperson or pers	ared under y sons who ma	our direction on the system of	or supe em or t	ervisio those į	n in accordar persons direc	nce with a system de atly responsible for g	esigned tathering	nsylvania. You are submitting to assure that qualified the information, the al penalties, including 18 P.S.

Submitted By Full Name

**Document Generated** 

Paul Ruffini

6/14/2016

Submitted By GreenPort User

**Email Address** 

RUFFINIP

paul.ruffini@thearrogroup.com



#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	5 (select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	lication due 180 d	lays prior to exp	piration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	December 31, 2	016

Lab	oratories.	ALC	LIIVII OIIIII	rironmental							This permit will expire on.				December 31, 2016			
Y																		
								_				1						
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		pН	1						
												1						
		Stage	1									1						
Weel	Day	Date	MGD	Q	ma/l	Q	ma/l	Q	CFU/100 ml	Q	S.U.	a		a	1	Q		
wee	U Day	Date	IVIGD	Ų	mg/L	Q	mg/L	Q	CF0/100 IIII	Q	3.0.	ų.		ų		Ų		
														_				
1	Sun	5/1/16	0.0666									1						
	Mon	5/2/16	0.0845															
	Tue	5/3/16	0.0845															
	Wed	5/4/16	0.08568															
	Thu	5/5/16	0.08568															
⊩	Fri	5/6/16	0.08568									$\vdash$				<u> </u>		
⊩—																		
<u> </u>	Sat	5/7/16	0.08568	$\vdash$		-		<u> </u>				-		_		-		
2	Sun	5/8/16	0.0639					<u> </u>				<u> </u>	<b> </b>	<u> </u>				
⊩—	Mon	5/9/16	0.0639	<	2.0	<	5.0				7.7	<u> </u>						
<u> </u>	Tue	5/10/16	0.0639					<	1.0									
	Wed	5/11/16	0.0639															
	Thu	5/12/16	0.0857															
	Fri	5/13/16	0.09433															
	Sat	5/14/16	0.09433															
3	Sun	5/15/16	0.09433															
<del>⊢</del> ٽ	Mon	5/16/16	0.08805															
╟──	Tue	5/17/16	0.08805									<u> </u>		_				
<b> </b>	Wed	5/17/16	0.08803											_				
⊩—	Thu	5/19/16	0.0895									<u> </u>						
<u> </u>	Fri	5/20/16	0.0895															
<u> </u>	Sat	5/21/16	0.0895															
4	Sun	5/22/16	0.0895															
	Mon	5/23/16	0.0894															
	Tue	5/24/16	0.0894															
	Wed	5/25/16	0.0855															
	Thu	5/26/16	0.0855															
	Fri	5/27/16	0.0853															
╟──	Sat	5/28/16	0.0853															
5	Sun	5/29/16	0.0853															
⊢َ	Mon	5/30/16	0.0903									-						
⊩—	Tue	5/31/16	0.0903	$\vdash$		$\vdash$		$\vdash$		$\vdash \vdash$		$\vdash$		⊢		$\vdash$		
<b>I</b>	rue	3/31/10	0.0903					_				-		_				
<u> </u>																		
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L																		
			in				Ţ	7 -		7 .7		0 -		2 4		y - 1		
Statis	tics for DMR				(													
	Daily Minim	um (Conc.):	7	<	2	<	5	<	1		7.7			11				
	Daily Maxim	um (Conc):		<	2	<	5	<	1		7.7	T .						
	Max Avg Wee			<	2	<	5					t –	i e					
		thly (Conc.):		<	2	<	5											
	Geometric Me							~	1									
	Max Avg We		0.090119	<	1	<	3	$\vdash$		$\vdash$		<del>                                     </del>	l	$\vdash$		$\vdash$		
		nthly (Load):	0.084352	<	1	<	3	<del>                                     </del>				_		_		_		
		nthly (Load):	2.614899	~	33	~	83			$\vdash$		-		-		-		
	Daily Minim	num (Load):	0.0639	~	1	~	3	<u> </u>				1				_		
	Daily Maxim		0.094333	~	<u> </u>	~	3	<u> </u>		$\vdash$		⊢		<u> </u>		<u> </u>		
	Daily WidAll	idili (LUdu).	3.037033			. `	•	1		I		I	ı	ı	I	ı		

Prepared By:	Paul F. Ruffini	License No.:	: S6899
Title:	Agent	Date:	14-Jun-16



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malveri	n Hunt STP	Month: 5 (Select number)	Year: 2016	
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray	
Watershed:	3F-Wissahic	•	This permit will expire on: 31-De	ec-16	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:			Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:		itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
1	Sun	5/1/16	33,300	0	33,300						
	Mon	5/2/16	42,250	0	42,250			0.30	Rain	70	Wet
	Tue	5/3/16	42,250	0	42,250						
	Wed	5/4/16	0	42,837	42,837			0.40	Rain	51	Wet
	Thu	5/5/16	0	42,837	42,837						
	Fri	5/6/16	0	42,837	42,837						
	Sat	5/7/16	0	42,837	42,837			0.20	Rain		
2	Sun	5/8/16	0	31,950	31,950			0.10	Rain	60	Wet
	Mon	5/9/16	31,950	31,950	0					70	Dry
	Tue	5/10/16	31,950	31,950	0						
	Wed	5/11/16	31,950	31,950	0						
	Thu	5/12/16	42,850	42,850	0					64	Dry
	Fri	5/13/16	47,166	47,166	0			0.10	Rain	72	Damp
	Sat	5/14/16	47,166	0	47,166						
3	Sun	5/15/16	47,166	0	47,166						
	Mon	5/16/16	44,025	0	44,025					58	Dry
	Tue	5/17/16	44,025	0	44,025						
	Wed	5/18/16	45,950	0	45,950					68	Dry
	Thu	5/19/16	0	44,750	44,750					68	Dry
	Fri	5/20/16	0	44,750	44,750						
	Sat	5/21/16	0	44,750	44,750						
4	Sun	5/22/16	0	44,750	44,750						
	Mon	5/23/16	0	44,700	44,700			0.10	Rain	74	Damp
	Tue	5/24/16	44,700	44,700	0						
	Wed	5/25/16	42,750	42,750	0					80	Dry
	Thu	5/26/16	42,750	42,750	0						
	Fri	5/27/16	42,650	42,650	0					87	Dry
	Sat	5/28/16	42,650	42,650	0						
5	Sun	5/29/16	42,650	0	42,650			0.40	Rain	86	Damp
	Mon	5/30/16	45,150	0	45,150			0.30	Rain	81	Wet
	Tue	5/31/16	45,150	0	45,150						
		nly Totals:	880,448	828,364	906,080			1.90			
		ax Weekly:	233,032	304,950	315,416	0	0		-		
Inch	nes/Acre/W	eek (Max):	1.39	1.81	1.89	0.00	0.00	11			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	6/14/2016
			•

HEADER INFORM	HEADER INFORMATION									
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355					
Permit Number:	1599418	Monitoring Period:	06/01/2016-06/30/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355					

Sampling Point		001		Stage Code	Stage Code			t	No Discharge Indicator	N
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency
Flow	Sample Measurement	3217748	***	gal	***	***	***	***	Calculation	1/month
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month
DH H	Sample Measurement	***	***	***	8.1	***	8.2	S.U.	Grab	2/month
	Permit Measurement	***	***		6.0 Min	***	9.0 Max	7	Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	<5	<5	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.107258	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
ecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	<2	<2	mg/L	Grab	1/month
CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0532	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
June 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-07-25T13:22:57-04:00	
Cryptographic Hash Value of File (SHA-512)	A5DCB9892E7067676614AD82E902E	D60D10E2704CF5837FD0494BA746CF	3757B37CFB42EC9B07B067D4D258453398EA90A20D3DF6E0D957A10C44211E2C7B550C
June 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-07-25T13:23:35-04:00	
Cryptographic Hash Value of File (SHA-512)	CC1F093B49EC1F246FD6D838F23E4	F08B8A576031CD32312AFEA2E911F	BDC7849348C064C6CCE14D81D4EB1A82CF30D92CFD623CEF9CB38A3559BE15F35B06EF

PERMIT VIC	ERMIT VIOLATIONS														
Non Compliance ID	Event Begin Date	Event End Date	Parameter		Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC		Correcti	ive Action		Cor	mments
UNAUTHOF	AUTHORISED DISCHARGES														
Non Compliance ID	ompliance Date Date Discharged Water Discharge														
	OTHER PERMIT VIOLATIONS														
Non Compliance ID	Stage Code (S	Sampling Point)		Reported Para	meter	Non Compliar	nce Type	Comments							
COMMENTS	OMMENTS DETAILS														
Comment											Operator Certification Number		Operator Contact Number		
Raw Influent Data: Influent flow = 0.0532 MGD; Influent BOD5 = 222 mg/L; Influent TSS = 210 mg/L				Paul F. Ruffini 5					S6899		717 278-3444				

#### SUBMISSION INFORMATION

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

1360 tion 4304 (relating to unsworn faisincation to at	unomies).		
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	7/25/2016



#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	6 (select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	olication due 180 d	ays.prior to exp	oiration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	December 31, 20	016

	natorics.		LIIVII OIIIII							•	This permit v		T	December 31, 2010			
	ı	Parameter	Flow		CBOD5	TSS		Fe	ecal Coliform		рН						
		Stage	1														
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	ď		ď		ď	
$\perp$	0	F/00/40	0.0050														
1	Sun	5/29/16	0.0853											-			
$\sqcup$	Mon	5/30/16	0.0903														
	Tue	5/31/16	0.0903														
	Wed	6/1/16	0.09105								8.2						
	Thu	6/2/16	0.09105														
	Fri	6/3/16	0.09105														
	Sat	6/4/16	0.09975														
								_						_			
2	Sun	6/5/16	0.09975											<u> </u>			
$\square$	Mon	6/6/16	0.11334														
<u> </u>	Tue	6/7/16	0.11334									L_		L_			
	Wed	6/8/16	0.11334														
	Thu	6/9/16	0.11334														i
	Fri	6/10/16	0.11334														
$\vdash$	Sat	6/11/16	0.11														
														-			
3	Sun	6/12/16	0.11														
$\square$	Mon	6/13/16	0.1086	<	2.0	<	5.0				8.1						
	Tue	6/14/16	0.10953					<	1.0								
	Wed	6/15/16	0.10953														
	Thu	6/16/16	0.10953														
	Fri	6/17/16	0.11055											$\vdash$			
$\vdash$	Sat	6/18/16	0.11055											$\vdash$			
4	Sun	6/19/16	0.1176									_		_			
4																	
	Mon	6/20/16	0.1176														
	Tue	6/21/16	0.1185														
	Wed	6/22/16	0.11095														
	Thu	6/23/16	0.11095														
	Fri	6/24/16	0.10453														
$\vdash$	Sat	6/25/16	0.10453					<b>—</b>						<b>—</b>			
5	Sun	6/26/16	0.10453									-		-			
$\parallel$								-				-		-		<b> </b>	<u> </u>
$\square$	Mon	6/27/16	0.1047	lacksquare						$\vdash$				Ь—		L	
	Tue	6/28/16	0.1053														
	Wed	6/29/16	0.10045														
	Thu	6/30/16	0.10045														
	Fri	7/1/16	0.10045														
	Sat	7/2/16	0.10045														
Statist	ics for DMR			_				_		_				_			
Otation		um (Ca== \		_	,	-	F	_	4		0.4						
	Daily Minimu			٧	2	٧	5	<	1		8.1						
	Daily Maxim			<	2	<	5	<	1		8.2						
N	Max Avg Wee			<	2	<	5										
		thly (Conc.):		<	2	<	5										
	Geometric Me							<	1					İ			
	Max Avg We	ekly (Load):	0.112095	<	2	<	5					l		l			
		nthly (Load):	0.107258	<	2	<	5					$\vdash$		$\vdash$			
		nthly (Load):	3.217748	~	54	~	136	-				-		-			
		num (Load):	0.09105	~	2	~	5					_		<u> </u>			
	Daily Maxim		0.1185	Ì	2	`	5	<u> </u>				<u> </u>		Ь—		<u> </u>	
	July MaxIII	.a (Loau).	5.7100	_`		_`											

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	25-Jul-16



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 6 (Select number)	Year: 20	16
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: <b>Sp</b>	oray
Watershed:	3F-Wissahic	•	This permit will expire on: 31-Dec-	16	

New   Date   Date   Gallons   Type   Tender				Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	I		Average	
1 Sun 5/28/16 42,850 0 42,850 0 45,150 0.30 Rain 86 Damp  Mon 5/30/16 45,150 0 45,150 0.30 Rain 81 Wet  Tue 5/31/16 45,525 0 45,525  Thu 6/21/16 45,525 0 45,525  Fri 6/21/16 45,525 0 45,525  Sat 6/41/16 0 49,875 49,875  2 Sun 6/51/16 0 49,875 49,875  2 Sun 6/51/16 0 49,875 49,875  Wed 6/81/16 0 56,670 56,670  Tue 6/71/16 0 56,670 56,670  Tue 6/71/16 5 56,670 56,670 0 0  Thu 6/81/16 55,000 55,000 0 0  Sat 6/11/16 55,000 55,000 0 0  Mon 6/13/16 56,300 55,000 0 0  Mon 6/13/16 54,300 55,000 0 0  Mon 6/13/16 55,4766 0 54,300 0 0  Mon 6/13/16 55,4766 0 54,300 0 0  Mon 6/13/16 55,4766 0 54,300 0 0  Tue 6/14/16 55,4766 0 54,300 0 0  Tue 6/14/16 55,4766 0 54,300 0 0  Mon 6/13/16 55,4766 0 54,300 0 0  Tue 6/14/16 55,4766 0 54,47					Acres: 6.19		Acres:	Acres:	Precip	itation	Temp	
Mon   \$3/2016   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,255   0   45,525   0   45,766   0	Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
Mon   \$62016   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,255   0   45,525   0   45,766   0   4												
Mon   \$62016   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,255   0   45,525   0   45,766   0   4												
Mon   \$3/2016   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,150   0   45,255   0   45,525   0   45,766   0												
Tue   \$531/16   45,150   0   45,150   0   45,150   0   45,255   0   45	1	Sun		′	0	42,650			0.40	Rain	86	Damp
Wed   6/1/16   45,525   0   45,525   0   45,525   0   45,525   0   45,525   0   45,525   0   45,525   0   45,525   0   45,525   0   49,875   49,875   0   49,875   49,875   0   49,875   49,875   0   49,875   49,875   0   49,875   49,875   0   49,875   49,875   0   49,875   49,875   0   49,875   49,875   0   49,875		Mon			0				0.30	Rain	81	Wet
Thu   6/2/16   45.525   0   4					0							
Fri   63/16		Wed										
Sat 6/4/16   0												
2   Sun   6/6/16   0   49,875   49,875   49,875		Fri		45,525	0				0.40	Rain	74	Damp
Mon   6/6/16   0   56,670   56,670		Sat		0								
Tue   67/76   0   56.670   56.670   56.670	2	Sun		0							86	Dry
Wed   6/8/16   0   56,670   56,670   0						· · · · · · · · · · · · · · · · · · ·						
Thu 6/9/16   56,670   56,670   0   0   0   0   0   0   0   0   0		Tue		0	· ·	56,670						
Fri 6/10/16		Wed		-		56,670						
Sat         6/11/16         55,000         55,000         0           3         Sun         6/13/16         55,000         55,000         0           Mon         6/13/16         54,300         54,300         0           Tue         6/14/16         54,766         0         54,766           Wed         6/15/16         54,766         0         54,766           Thu         6/16/16         54,766         0         54,766           Fri         6/17/16         55,275         0         55,275           Sat         6/18/16         55,275         0         55,275           Sat         6/18/16         55,275         0         55,275           Mon         6/20/16         0         58,800         58,800           Mon         6/20/16         0         58,800         58,800           Wed         6/22/16         0         55,475         59,250           Wed         6/22/16         0         55,475         55,475           Thu         6/23/16         0         55,475         55,475           Wed         6/22/16         0         55,475         55,475           Sat         6/2		Thu	6/9/16	56,670	56,670	0						
Sun 6/12/16   55,000   55,000   0   0   80   Dry		Fri	6/10/16	56,670	56,670	0						
Mon 6/13/16		Sat				0						
Tue 6/14/16 54,766 0 54,766 0 54,766	3	Sun	6/12/16	55,000	55,000	0						
Wed   6/15/16   54,766   0   54,766   0   54,766   0   0.40   Rain   84   Wet		Mon		54,300	54,300							Dry
Thu 6/16/16 54,766 0 54,766 0 54,766 0 0 54,766 0 0 0.40 Rain 84 Wet Fri 6/17/16 55,275 0 0 55,275 0 0 55,275 0 0 55,275 0 0 55,275 0 0 55,275 0 0 55,275 0 0 0 0.40 Rain 84 Wet St. St. St. St. St. St. St. St. St. St					0						81	Dry
Fri         6/17/16         55,275         0         55,275         0         55,275           Sat         6/18/16         55,275         0         55,275         0         50,275         0           4         Sun         6/19/16         0         58,800         58,800         69         Dry           Mon         6/20/16         0         58,800         58,800         91         Dry           Tue         6/21/16         0         59,250         59,250         86         Dry           Wed         6/22/16         0         55,475         55,475         55,475         0.40         Rain         84         Wet           Fri         6/24/16         52,266         52,266         0         0         84         Dry           Sat         6/25/16         52,266         52,266         0         0         84         Dry           Tue         6/28/16         52,266         52,266         0         87         Dry           Tue         6/28/16         52,350         52,350         0         0         87         Dry           Wed         6/29/16         50,225         0         50,225         0		Wed	6/15/16	54,766	0	54,766						
Sat 6/18/16   55,275   0   55,275   0   55,275     69   Dry		Thu	6/16/16	54,766	0	54,766			0.40	Rain	84	Wet
4         Sun         6/19/16         0         58,800         58,800         58,800         91         Dry           Mon         6/20/16         0         58,800         58,800         91         Dry           Tue         6/21/16         0         59,250         86         Dry           Wed         6/22/16         0         55,475         55,475         0.40         Rain         84         Wet           Fri         6/24/16         52,266         52,266         0         0         84         Dry           Sat         6/25/16         52,266         52,266         0         0         84         Dry           5         Sun         6/26/16         52,266         52,266         0         0         87         Dry           Mon         6/27/16         52,266         52,266         0         0         87         Dry           Tue         6/28/16         52,250         52,350         0         0         87         Dry           Wed         6/29/16         50,225         0         50,225         0         0         0         0         0         0         0         0         0         0 <td></td> <td>Fri</td> <td>6/17/16</td> <td>55,275</td> <td>0</td> <td>55,275</td> <td></td> <td></td> <td></td> <td></td> <td>80</td> <td>Dry</td>		Fri	6/17/16	55,275	0	55,275					80	Dry
Mon 6/20/16		Sat	6/18/16	55,275	0	55,275						
Tue 6/21/16 0 59,250 59,250	4	Sun		0		58,800					69	Dry
Wed         6/22/16         0         55,475         55,475           Thu         6/23/16         0         55,475         55,475           Fri         6/24/16         52,266         52,266         0           Sat         6/25/16         52,266         52,266         0           Sun         6/26/16         52,266         52,266         0           Mon         6/27/16         52,350         52,350         0           Tue         6/28/16         52,650         52,650         0           Wed         6/29/16         50,225         0         50,225           Thu         6/30/16         50,225         0         50,225           Fri         7/1/16         50,225         0         50,225           Sat         7/2/16         50,255         0         50,255           Sat         7/2/16         50,255         0         50,255           Max Weekly:         384,148         392,332         319,400         0         0		Mon	6/20/16	0	58,800	58,800					91	Dry
Thu 6/23/16 0 55,475 55,475 0.40 Rain 84 Wet  Fri 6/24/16 52,266 52,266 0 0 84 Dry  Sat 6/25/16 52,266 52,266 0 0 84 Dry  5 Sun 6/26/16 52,266 52,266 0 0 87 Dry  Tue 6/28/16 52,350 52,350 0 0 87 Dry  Tue 6/28/16 52,650 52,650 0 0 0.20 Rain 65 Wet  Wed 6/29/16 50,225 0 50,225 0 50,225		Tue	6/21/16	0	59,250	59,250					86	Dry
Fri 6/24/16 52,266 52,266 0 0 84 Dry  Sat 6/25/16 52,266 52,266 0 0 87 Dry  Mon 6/27/16 52,350 52,350 0 0 87 Dry  Tue 6/28/16 52,265 52,650 0 0.20 Rain 65 Wet  Wed 6/29/16 50,225 0 50		Wed	6/22/16	0	55,475	55,475						
Sat         6/25/16         52,266         52,266         0           5         Sun         6/26/16         52,266         0           Mon         6/27/16         52,350         52,350         0           Tue         6/28/16         52,650         52,650         0           Wed         6/29/16         50,225         0         50,225           Thu         6/30/16         50,225         0         50,225           Fri         7/1/16         50,225         0         50,225           Sat         7/2/16         50,255         0         50,255           Monthly Totals:         1,051,311         1,096,998         1,069,433           Max Weekly:         384,148         392,332         319,400         0         0		Thu	6/23/16	0	55,475	55,475			0.40	Rain	84	Wet
Sat         6/25/16         52,266         52,266         0           5         Sun         6/26/16         52,266         52,266         0           Mon         6/27/16         52,350         52,350         0         87         Dry           Tue         6/28/16         52,650         52,650         0         0.20         Rain         65         Wet           Wed         6/29/16         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,255         0         50,255         0         50,255         0         50,255         0         50,255         0         50,255         0         1,40         0 <td></td> <td>Fri</td> <td>6/24/16</td> <td>52,266</td> <td>52,266</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td>84</td> <td>Dry</td>		Fri	6/24/16	52,266	52,266	0					84	Dry
Mon         6/27/16         52,350         52,350         0         87         Dry           Tue         6/28/16         52,650         52,650         0         0.20         Rain         65         Wet           Wed         6/29/16         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,255         0         50,255         0         50,255         0         50,255         0         1,40         0		Sat	6/25/16	52,266	52,266	0						-
Tue         6/28/16         52,650         52,650         0         0.20         Rain         65         Wet           Wed         6/29/16         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,255         0         50,255         0         50,255         0         1,40         0         1,40         0	5	Sun	6/26/16	52,266	52,266	0						
Wed         6/29/16         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,225         0         50,255         0         50,255         0         50,255         0         1,051,311         1,096,998         1,069,433         1,40		Mon		52,350		0						
Thu 6/30/16 50,225 0 50,225		Tue	6/28/16	52,650	52,650	0			0.20	Rain	65	Wet
Thu 6/30/16 50,225 0 50,225		Wed	6/29/16		0	50,225						
Fri 7/1/16 50,225 0 50,225		Thu	6/30/16		0	50,225						
Monthly Totals:         1,051,311         1,096,998         1,069,433         1.40           Max Weekly:         384,148         392,332         319,400         0         0		Fri	7/1/16		0				1			
Max Weekly: 384,148 392,332 319,400 0 0				50,255	0	50,255			1			
		Mon	thly Totals:	1,051,311	1,096,998	1,069,433			1.40			
		Ma	ax Weekly:	384,148		319,400		0		ב		
	Inch						0.00	0.00	1			

Prepared By:	Paul F. Ruffini	License No.:	S 6899			
Title:	Agent	Date:	7/25/2016			

HEADER INFO	RMATION				
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355
Permit Number:	1599418	Monitoring Period:	07/01/2016-07/31/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355

Sampling Point		001		Stage Code			Final Effluent		No Discharge Indicator	N
<u> </u>			1			- In -				
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency
Flow	Sample Measurement	1948896	***	gal	***	***	***	***	Calculation	1/month
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month
Н	Sample Measurement	***	***	***	8.4	***	8.8	S.U.	Grab	2/month
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	16	16	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0629	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	3.5	3.5	mg/L	Grab	1/month
(CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0449	***	MGD	***	***	***	***	Calculation	1/month
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous

ATTACHMENT DETAILS			
File Name	Attachment Type	Uploaded Time	Attachment Comment
July 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-08-18T15:03:10-04:00	
Cryptographic Hash Value of File (SHA-512)	C7485D178931EDAFA159EF722841	FCDCF19B448ED88878D086CF6D99EA	D97ECE74E7AEC798FCE1226AC5E3DDEEE0BF0462964898BDBECBDBAA2928A26A1D29C4
July 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-08-18T15:04:00-04:00	
Cryptographic Hash Value of File (SHA-512)	870DEB3D4020F024E88B60034B48	5CD6235C37B3DC156BB72D2B0BF2AA	E0E75FD6D8A7A08BDEE7BEB5C4252EF008D397B183A6077D3976A0278A0407AA60383E

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Repor Value		Permitted Value	Load Units	Sampling Point ID	Cause Of NC		Corre	ective Action			Comments
UNAUTHO	RISED DISC	HARGES	_					_								
Non Compliance ID	Event Begin Date	Event End Date	Time Discove		bstance scharged	Event	Location	Volume	Duration	Receiving Waters	Impac Water		Cause Of Discharge	DEP Notified	Comme	nts
OTHER PE	RMIT VIOLA	TIONS														
Non Compliance ID	Stage Code (Sampling Point) Reported Parameter						Non Compliance Type Comments									
33471	Raw Sewage I	nfluent( 001)		Flow			Sample type not in accordance with permit The influent flow meter is down for repairs and w calculated from the most recent 12 months of inf							s to arrive.	The average monthly influent flow was	
33472	Raw Sewage I	nfluent( 001)		Flow			Sample collect						d we are currently influent flow data		s to arrive.	The average monthly influent flow was
COMMENT	S DETAILS															
Comment							Operator Nam	пе						Operator Cert Number	ification	Operator Contact Number
							Paul F. Ruffini							S6899		717 278-3444

#### SUBMISSION INFORMATION

PERMIT VIOLATIONS

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

300tion 4004 (relating to anowern fallomoution to at	atrioritics).		
Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	8/18/2016



#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	7(select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	plication due 180 d	ays.prior to exp	oiration.
Laboratories:	ALS Environmental			This permit	will expire on:	December 31, 20	016

	ı	Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1	<u> </u>						L.,							
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	F.:	7/4/40	0.40045														<b></b>
	Fri	7/1/16	0.10045														
1	Sat	7/2/16	0.10045														
'	Sun Mon	7/3/16 7/4/16	0.1001 0.11265									_					
$\vdash$	Tue	7/4/16	0.11265														<del></del>
	Wed	7/6/16	0.11205								8.8						
	Thu	7/7/16	0.11295								0.0						
	Fri	7/8/16	0.106														
	Sat	7/9/16	0.0														
2	Sun	7/10/16	0.0														
	Mon	7/11/16	0.0														
П	Tue	7/12/16	0.0														
	Wed	7/13/16	0.0074														
	Thu	7/14/16	0.0														
	Fri	7/15/16	0.0														
	Sat	7/16/16	0.0														
3	Sun	7/17/16	0.0														
	Mon	7/18/16	0.07735		3.5		16.0				8.4						
	Tue	7/19/16	0.07735					<	1.0								
	Wed	7/20/16	0.0744														
$\sqcup$	Thu	7/21/16	0.0744														
$\sqcup$	Fri	7/22/16	0.078														<b></b>
	Sat	7/23/16	0.078														
4	Sun	7/24/16	0.078														
$\vdash$	Mon	7/25/16	0.08997														
	Tue	7/26/16	0.08997														<b></b>
	Wed	7/27/16	0.08997 0.0														<b></b>
$\vdash$	Thu Fri	7/28/16 7/29/16	0.09197														<b></b>
$\vdash$	Sat	7/30/16	0.09197														<b>_</b>
5	Sun	7/31/16	0.09197														<u> </u>
⊢ Ť H		.,,,,,,	0.00.07														<b></b>
$\vdash$				$\vdash$								$\vdash$				-	<del></del>
$\vdash$																	
														_			
$\vdash$																	
					n a												_
Statisti	cs for DMR																
	Daily Minimu	um (Conc.):		-	3.5		16	<	1		8.4						
	Daily Maxim	ium (Conc):			3.5		16	<	1		8.8						
N	Max Avg Wee	ekly (Conc.):			3.5		16										
		thly (Conc.):			3.5		16		_								1
	Geometric Me							<	1								
	Max Avg We		0.0939		2		10										
	-	nthly (Load):	0.062868		2		10										
		nthly (Load):	1.948896 0		70 2		320 10										
	Daily Minim Daily Maxim		0.11295		2	<u> </u>	10			igsquare						<u> </u>	<b></b>
	Daily WaxIII	iuiii (LUdu):	0.11233		۷		10										
inquiry	of the persor	or persons	who manage the	e syste		s direct	ly responsible for g	gatherin	g the information, t	the info	rmation submitted i	s, to th	ne best of my knowl	edge a	uate the information		

aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prep	ared By:	Paul F. Ruffini	License No.:	S6899
Title:	-	Agent	Date:	18-Aug-16



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 7 (Select number)	Year: 2016	6
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spra	ay
Watershed:	3F-Wissahic	•	This permit will expire on: 31-D	ec-16	

Zone: 1				Zone: 2	Zone: 3	Zone:	Zone:			Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
	Fri	7/1/16	50,225	0	50,225						
	Sat	7/2/16	50,225	0	50,225					65	Dry
1	Sun	7/3/16	50,050	0	50,050					82	Dry
	Mon	7/4/16	0	56,325	56,325					80	Dry
	Tue	7/5/16	0	56,325	56,325			0.40	Rain	86	Damp
	Wed	7/6/16	0	56,475	56,475					92	Dry
	Thu	7/7/16	0	56,475	56,475						
	Fri	7/8/16	53,000	53,000	0					94	Dry
	Sat	7/9/16	0	0	0						
2	Sun	7/10/16	0	0	0						
	Mon	7/11/16	0	0	0						
	Tue	7/12/16	0	0	0						
	Wed	7/13/16	3,700	0	3,700						
	Thu	7/14/16	0	0	0						
	Fri	7/15/16	0	0	0						
	Sat	7/16/16	0	0	0						
3	Sun	7/17/16	0	0	0						
	Mon	7/18/16	38,675	0	38,675			0.20	Rain	73	Damp
	Tue	7/19/16	38,675	0	38,675						
	Wed	7/20/16	37,200	0	37,200					87	Dry
	Thu	7/21/16	37,200	0	37,200						
	Fri	7/22/16	39,000	0	39,000					92	Dry
	Sat	7/23/16	0	39,000	39,000						
4	Sun	7/24/16	0	39,000	39,000						
	Mon	7/25/16	0	44,983	44,983			0.20	Rain	92	Dry
	Tue	7/26/16	0	44,983	44,983						
	Wed	7/27/16	0	44,983	44,983						
	Thu	7/28/16	0	0	0			1.00	Rain	93	Wet
	Fri	7/29/16	45,983	45,983	0						
L	Sat	7/30/16	45,983	45,983	0			0.40	Rain	85	Wet
5	Sun	7/31/16	45,983	45,983	0			0.30	Rain	85	Wet
$\parallel$											
$\vdash$											
	Mass	niy Totals:	535,899	629,498	783,499			2.50			
		•	•	·	•			2.50	]		
Inch	Ma es/Acre/W	ax Weekly:	190,750 1.14	278,600 1.66	275,650 1.65	0 0.00	0 0.00	ll .			
inch	ies/Acre/W	eek (IVIax):	1.14	1.00	1.00	0.00	0.00	<u>J</u> j			

Prepared By:	Paul F. Ruffini	License No.	: <b>S 6899</b>
Title:	Agent	Date:	8/18/2016

HEADER INFORM	MATION				
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355
Permit Number:	1599418	Monitoring Period:	08/01/2016-08/31/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355

Sampling Point		001		Stage Code	Stage Code			t	No Discharge Indicator	N	
Parameter	Limit Type	Load 1 Load 2		Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	2389650	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
DH H	Sample Measurement	***	***	***	8.4	***	8.6	S.U.	Grab	2/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max	7	Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	23	23	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.077085	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	11.1	11.1	mg/L	Grab	1/month	
CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0449	***	MGD	***	***	***	***	Estimate	1/month	
	Permit Measurement	.105 Avg Mo ***			***	***	***		Recorded	Continuous	

ATTACHMENT DETAILS											
File Name	Attachment Type	Uploaded Time	Attachment Comment								
Aug 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-09-08T15:53:32-04:00									
Cryptographic Hash Value of File (SHA-512)	50B08A5F31751EE6146156FD8309DA	A0F61522A75A44647371E507FAC9F45	822B162D0C772C29096DF725F3339F43B52F00F4BA80365FC81D86360667C6EB43BC								
Aug 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-09-08T15:54:14-04:00									
Cryptographic Hash Value of File (SHA-512)	994CE28BB5C0FE817E51BD70DE3F	94CE28BB5C0FE817E51BD70DE3FDC0EE012022B2F0ECEFE9B831F60CD86F14BFCFBEBE165A99CA696B6BDEE0319D5AEB60A0F9FB656AFD0029364782BBC5F									

Compliance ID	Date	Date	Farameter	Limit Type	Value	Value	Load Offics	Point ID	Cause Of NC		corrective Actio	ı	Con	iments
UNAUTHO	RISED DISCI	HARGES												
Non Compliance ID	Event Begin Date	Event End Date	Time Discove	red Substa Discha		nt Location	Volume	Duration	Receiving Waters	Impact C Water	On Cause Of Discharg		Comments	
OTHER PE	RMIT VIOLA	TIONS												
Non Compliance ID	Stage Code (Sampling Point)  Reported Parameter				ımeter	Non Complia	nce Type	Comments						
34364	Raw Sewage II	nfluent( 001)		Flow		Sample type r accordance w					n backordered for average that da		very is expect	ed in the very near future. Influent flow is
34365	Raw Sewage II	nfluent( 001)		Flow		Sample collectory frequent than					n backordered for average that da		very is expect	ed in the very near future. Influent flow is
COMMENT	S DETAILS													
Comment						Operator Nar	ne					Operator Cert Number	ification	Operator Contact Number
Paw Influent D	ata: Influent Flor	w (actimated) -	0.0440 MCD: In:	fluent BOD5 - 20	30 ma/l ·	Paul F Ruffini						\$6800		717 278-3444

#### SUBMISSION INFORMATION

Influent TSS = 186 mg/L

PERMIT VIOLATIONS

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	9/8/2016



Parameter

Flow

CBOD5

TSS

#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	8(select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal appl	ication due 180 da	ys prior to exp	iration.
Laboratories:	ALS Environmental			This permit w	ill expire on:	December 31, 20	016

**Fecal Coliform** 

рΗ

1		Stage	1														
Week	Day	Date	MGD	ď	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		α		Q	
				$\Box$													
				$\vdash$										l -			
I <del> </del>	<u> </u>	7/04/40	0.00407							-		-					
1	Sun	7/31/16	0.09197	$\vdash$		<b>—</b>				<del>                                     </del>				<b> </b>		$\vdash$	
I⊫⊟	Mon	8/1/16	0.09855	$\sqcup$				_								L	
	Tue	8/2/16	0.09855														
	Wed	8/3/16	0.09005	L_I		L		$\mathbf{L}_{-}$		L				L		L_I	
	Thu	8/4/16	0.09005														
	Fri	8/5/16	0.0891										1				
	Sat	8/6/16	0.0891	$\vdash$													
				$\vdash$				_		_						-	
2	Sun	8/7/16	0.0891	$\vdash \vdash$	44.4	<b>—</b>	00.0	$\vdash$		<del>                                     </del>				<u> </u>		$\vdash$	
I⊫⊢	Mon	8/8/16	0.10125	$\sqcup$	11.1		23.0				8.6					L	
	Tue	8/9/16	0.10125					<	1.0								
	Wed	8/10/16	0.0763	L_l													
	Thu	8/11/16	0.0763														
	Fri	8/12/16	0.0763														
	Sat	8/13/16	0.07205	$\vdash$													
3	Sun	8/14/16	0.07205														
3				$\vdash \vdash$		<b>—</b>		$\vdash$		├	0.4			<b>-</b>		$\vdash$	
I I	Mon	8/15/16	0.0646	$\vdash$							8.4					<u> </u>	
I ∐	Tue	8/16/16	0.0611														
	Wed	8/17/16	0.0611	LI													
	Thu	8/18/16	0.04838														
	Fri	8/19/16	0.04838														
	Sat	8/20/16	0.04838	$\vdash$													
4	Sun	8/21/16	0.04838	$\vdash \vdash$		$\vdash$				$\vdash$		<del></del>		$\vdash$		$\vdash$	
I   —"-				$\vdash$		<u> </u>				<del>                                     </del>		-		<u> </u>		_	
I⊫⊢	Mon	8/22/16	0.0684	$\sqcup$												<b>—</b>	
I ∐	Tue	8/23/16	0.09598														
▮╚	Wed	8/24/16	0.09598	╚													
	Thu	8/25/16	0.09598														
	Fri	8/26/16	0.09598														
	Sat	8/27/16	0.09598														
5	Sun	8/28/16	0.0972	$\vdash$						-		-		-			
I⊩∸⊣	Mon	8/29/16	0.0491	$\vdash$						<del>                                     </del>		-					
I⊯				$\vdash$				_								<u> </u>	
I⊫⊟	Tue	8/30/16	0.0491														
	Wed	8/31/16	0.04565	Ш													
	Thu	9/1/16	0.04565														
	Fri	9/2/16	0.0														
	Sat	9/3/16	0.0										1.7				
Statist	ics for DMR																- 1
	Daily Minim				11.1		23	<	1		8.4						
	Daily Maxim			$\vdash$	11.1		23	~	1	-	8.6	-		l		$\vdash$	
Ι,	Max Avg We			$\vdash$	11.1	<b>-</b>	23	⊢`-	'	-	0.0			l		<b>—</b>	
Ι '				$\vdash \vdash$													
		thly (Conc.):			11.1		23										
	Geometric M			╚				<	1								
1	Max Avg We	eekly (Load):	0.092481		9		19										
1	Avg Mo	nthly (Load):	0.077085		9		19										
	Total Mo	nthly (Load):	2.38965	$\vdash$	291		602										
1		num (Load):	0.04565	$\vdash$	9		19							<b>-</b>			
	Daily Maximum (Load): 0.10125 9 19											-		-			
inquiry	of the person	n or persons e significant p	who manage the enalties for subrepared By:	e syste nitting f Pau	m or those persons alse information, in I F. Ruffini	s direct	tly responsible for g	atherir	g the information, t	he info	ed to assure that qua ormation submitted i violations. See 18 License No.:	s, to th Pa. C.	ne best of my knowl S. § 4904 (relating t	edge a	and belief, true, accu		
ı		Title	e:	Age	nt					•	Date:	8-Se	ep-16				
			-	9-	-												



## SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malveri	n Hunt STP	Month: 8 (Select number)	Year: 2016	
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray	
Watershed:	3F-Wissahic	<u> </u>	This permit will expire on: 31-D	ec-16	

		I	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	I		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
								i			
1	Sun	7/31/16	45,983	45,983	0			0.30	Rain	85	Wet
	Mon	8/1/16	49,275	49,275	0						Wet
	Tue	8/2/16	49,275	49,275	0						
	Wed	8/3/16	45,025	0	45,025						
	Thu	8/4/16	45,025	0	45,025						
	Fri	8/5/16	44,550	0	44,550						
	Sat	8/6/16	44,550	0	44,550						
2	Sun	8/7/16	44,550	0	44,550						
	Mon	8/8/16	0	50,625	50,625					82	Dry
	Tue	8/9/16	0	50,625	50,625						
	Wed	8/10/16	0	38,150	38,150					90	Dry
	Thu	8/11/16	0	38,150	38,150						
	Fri	8/12/16	0	38,150	38,150						
	Sat	8/13/16	36,025	36,025	0						
3	Sun	8/14/16	36,025	36,025	0			0.20	Rain	94	Damp
	Mon	8/15/16	32,300	32,300	0			0.10	Rain	91	Damp
	Tue	8/16/16	30,550	30,550	0					92	Damp
	Wed	8/17/16	30,550	30,550	0						
	Thu	8/18/16	24,187	0	24,187			0.20	Rain	87	Damp
	Fri	8/19/16	24,187	0	24,187						
	Sat	8/20/16	24,187	0	24,187						
4	Sun	8/21/16	24,187	0	24,187						
	Mon	8/22/16	34,200	0	34,200					80	Dry
	Tue	8/23/16	0	47,990	47,990					82	Dry
	Wed	8/24/16	0	47,990	47,990						
	Thu	8/25/16	0	47,990	47,990						
	Fri	8/26/16	0	47,990	47,990						
<u></u> _	Sat	8/27/16	0	47,990	47,990						
5	Sun	8/28/16	48,600	48,600	0					71	Dry
	Mon	8/29/16	24,550	24,550	0					89	Dry
$\parallel$	Tue	8/30/16	24,550	24,550	0					00	
	Wed	8/31/16	22,825	22,825	0					86	Dry
$\vdash$	Thu	9/1/16	22,825	22,825	0					75	
	Fri	9/2/16 9/3/16	0	0	0					75	Dry
	Sat		0	0	0			0.50			
		nly Totals:	739,173	840,175	810,298			0.50			
امسا		x Weekly:	323,683	251,725	298,337	0	0 0.00				
inch	nes/Acre/W	еек (IVIax):	1.94	1.50	1.79	0.00	0.00	<u>J</u> J			

Prepared By:	Paul F. Ruffini	License No	0.:	S 6899	
Title:	Agent	Date:	9/8/2016		

HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355						
Permit Number:	1599418	Monitoring Period:	09/01/2016-09/30/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355						

Sampling Point		001		Stage Code	Stage Code			į	No Discharge Indicator	N
Parameter	Limit Type	Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency
Flow	Sample Measurement	1026695	***	gal	***	***	***	***	Calculation	1/month
	Permit Measurement	Monitor & Report Total Mo	***	***	***	***	***		Calculation	1/month
)H	Sample Measurement	***	***	***	8.3	***	8.4	S.U.	Grab	2/month
	Permit Measurement	***	***		6.0 Min	***	9.0 Max		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	25	25	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.034223	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous
ecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	6.3	6.3	mg/L	Grab	1/month
CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month
Flow	Sample Measurement	.0449	***	MGD	***	***	***	***	Estimate	Monthly When Discharging
	Permit Measurement	.105	***		***	***	***		Recorded	Continuous

ATTACHMENT DETAILS												
File Name	Attachment Type	Uploaded Time	Attachment Comment									
Sept 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-10-24T10:41:02-04:00										
Cryptographic Hash Value of File (SHA-512)	3955CAE8491F7AC3B3058623B4B1E	16F3715321C1EAD71554EBDBC11E80	00CB1DDB609612538CF78DF14F25341D69A723490609FD8844C87D77BF0EE4E3929D61									
Sept 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-10-24T10:40:16-04:00										
Cryptographic Hash Value of File (SHA-512)	CF632B6F0F803315D2653258FD3DA	D25E6CE0EE751B8EDC32BAED8DA5	64BA7403D6B25FED9D4429C4E7239858F68F57EF4B647A85BFEB32E7899EF6B58E8E427									

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reporte Value	d Permitted Value	Load Units	Sampling Point ID	Cause Of NC	С	orrective Action		Co	omments
UNAUTHO	RISED DISC	HARGES												
Non Compliance ID	Event Begin Date	Event End Date	Time Discove		ostance E charged	Event Location	Volume	Duration	Receiving Waters	Impact O Water	Cause Of Discharge	DEP Notified	Comment	s
OTHER PE	RMIT VIOLA	TIONS												
Non Compliance ID	Stage Code (S	Sampling Point	<del>:</del> )	Reported F	Parameter	Non Compli	ance Type	Comments						
35656	Raw Sewage I	nfluent( 001)		Flow		Sample type accordance		for Septembe	xperiencing prob er was estimated eter was still in pr	using the a	accurate influent flor rerage of the most i	w readings from t recent 12 months	he recently of flow data.	repaired flow meter. The daily influent flow Troubleshooting, final repair and calibration
35657	Raw Sewage I	nfluent( 001)		Flow		Sample colle frequent than		for Septembe		using the a				repaired flow meter. The daily influent flow Troubleshooting, final repair and calibration
COMMENT	S DETAILS													
Comment						Operator Na	Operator Name					Operator Cert Number	ification	Operator Contact Number
Raw influent data: Influent flow (estimated) = $0.0449 \text{ MGD}$ ; Influent BOD = $190 \text{ mg/L}$ ; Influent TSS = $158 \text{ mg/L}$					luent Paul F. Ruffi	Paul F. Ruffini					S6899		717 278-3444	

### SUBMISSION INFORMATION

PERMIT VIOLATIONS

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

Submitted By GreenPort User	RUFFINIP	Submitted By Full Name	Paul Ruffini
Email Address	paul.ruffini@thearrogroup.com	Document Generated	10/24/2016



Parameter

Flow

CBOD5

TSS

### **SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING**

Facility Name:	Malvern Hunt STP			Month:	9 (select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	olication due 180 d	lays prior to exp	oiration.
Laboratories:	ALS Environmental			This permit v	will expire on:	December 31, 2	016

**Fecal Coliform** 

рΗ

100		Stage	1														
Week	Day	Date	MGD	ø	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	Thu	9/1/16	0.04565														
	Fri	9/2/16	0.0														
	Sat	9/3/16	0.0														
1	Sun	9/4/16	0.0														
	Mon	9/5/16	0.0														
	Tue	9/6/16	0.0														
	Wed	9/7/16	0.0														
	Thu	9/8/16	0.0														
	Fri	9/9/16	0.06395											$\vdash$			
	Sat	9/10/16	0.06395														
2	Sun	9/11/16	0.0428								8.4			_			
					0.0		25.0							-			
I	Mon	9/12/16	0.03427		6.3		25.0		4.0		8.3	_		<u> </u>			
l I	Tue	9/13/16	0.03427					<	1.0								
	Wed	9/14/16	0.03427											<u> </u>			
	Thu	9/15/16	0.0														
	Fri	9/16/16	0.0											<b> </b>			
	Sat	9/17/16	0.0														
3	Sun	9/18/16	0.0	Ш													
	Mon	9/19/16	0.04075														
	Tue	9/20/16	0.04075														
	Wed	9/21/16	0.06503														
	Thu	9/22/16	0.06503														
	Fri	9/23/16	0.06503														
	Sat	9/24/16	0.0722														
4	Sun	9/25/16	0.0722														
	Mon	9/26/16	0.0357														
	Tue	9/27/16	0.06855							-		<del>                                     </del>		┢			
	Wed	9/28/16	0.06855														
	Thu	9/29/16	0.05687											-			
l I	Fri	9/30/16	0.05687											-			
l I	Sat	10/1/16	0.05687											-			
5	Sat	10/1/10	0.03067														
ا ا																	
l II——														_			
l																	
			A			-	, T	7 (1)		30	·	0 m v	11			0.00	
Statist	ics for DMR																
	Daily Minim				6.3		25	<	1		8.3						
	Daily Maxim				6.3		25	<	1		8.4						
	Max Avg We				6.3		25										
		thly (Conc.):			6.3		25										
	Geometric M							<	1								
	Max Avg We		0.059375		2		7										
		nthly (Load):	0.034223		2		7					L		L_			
		nthly (Load):	1.026695		54		214										
		num (Load):	0		2		7										
	Daily Maxin	num (Load):	0.0722		2		7										
inquiry	of the person	n or persons e significant p	who manage the	e syste nitting f	em or those persons false information, in	s direct	tly responsible for g	atherir	ng the information, t	he info		s, to th Pa. C.	ne best of my knowl S. § 4904 (relating t	edge a	uate the information and belief, true, accu vorn falsification).		
1		Title								•			Oct-16				
Title: Agent Date: 24-00										701-10							



## SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 9 (Select number)	Year: 2	2016
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall:	Spray
Watershed:	3F-Wissahic	•	This permit will expire on: 31-De	c-16	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	1		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precin	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
$\vdash$	Thu	9/1/16	22,825	22,825	0				- ,,		
	Fri	9/2/16	0	0	0					75	Dry
	Sat	9/3/16	0	0	0						,
1	Sun	9/4/16	0	0	0						
	Mon	9/5/16	0	0	0					74	Dry
	Tue	9/6/16	0	0	0						•
	Wed	9/7/16	0	0	0						
	Thu	9/8/16	0	0	0						
	Fri	9/9/16	31,975	0	31,975						
	Sat	9/10/16	31,975	0	31,975					75	Dry
2	Sun	9/11/16	21,400	0	21,400					78	Dry
	Mon	9/12/16	17,133	0	17,133					78	Dry
	Tue	9/13/16	17,133	0	17,133						
	Wed	9/14/16	17,133	0	17,133						
	Thu	9/15/16	0	0	0					78	Dry
	Fri	9/16/16	0	0	0					78	Dry
	Sat	9/17/16	0	0	0						
3	Sun	9/18/16	0	0	0			0.40	Rain	80	Wet
	Mon	9/19/16	20,375	0	20,375			0.40	Rain	78	Wet
	Tue	9/20/16	20,375	0	20,375						
	Wed	9/21/16	32,516	0	32,516					80	Dry
	Thu	9/22/16	32,516	0	32,516						
	Fri	9/23/16	32,516	0	32,516						
	Sat	9/24/16	0	36,100	36,100						
4	Sun	9/25/16	0	36,100	36,100						
	Mon	9/26/16	0	17,850	17,850					60	Dry
	Tue	9/27/16	0	34,275	34,275					68	Dry
	Wed	9/28/16	0	34,275	34,275			0.40	Rain	61	Wet
	Thu	9/29/16	0	28,437	28,437			0.40	Rain	60	Wet
	Fri	9/30/16	0	28,437	28,437						
$\vdash$	Sat	10/1/16	0	28,437	28,437						
5											
$\Vdash$				ļ							
$\parallel$											
					<b> </b>						
	Mon	niy Totais:	297,872	238,299	490,521			1.60			
		-			· ·			1.00			
Inch	Ma nes/Acre/W	ax Weekly:	138,298 0.83	207,811 1.24	207,811 1.24	0 0.00	0.00	-			
IIICI	100/ACI6/VV	cen (IVIAX).	0.03	1.24	1.24	0.00	0.00	<u> </u>			

Prepared By:	Paul F. Ruffini	License No.:	S 6899	
Title:	Agent	Date:	10/24/2016	

HEADER INFORM	HEADER INFORMATION											
Facility ID:	556180	Facility Name:	MALVERN HUNT STP	Location Address:	SWEEDSFORD ROAD, FRAZER PA, 19355							
Permit Number:	1599418	Monitoring Period:	10/01/2016-10/31/2016	Mailing Address:	209 CONESTOGA RD, FRAZER PA, 19355							

Sampling Point		001		Stage Code	Stage Code			t	No Discharge Indicator	N	
Parameter	Limit Type	Load 1 Load 2		Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	Sample Frequency	
Flow	Sample Measurement	1465297	***	gal	***	***	***	***	Calculation	1/month	
	Permit Measurement	Monitor & Report Total Mo	***		***	***	***		Calculation	1/month	
DH H	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	Grab	1/month	
	Permit Measurement	***	***		6.0 Min	***	9.0 Max	7	Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	24	24	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.047268	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	Monitor & Report Avg Mo	***		***	***	***		Recorded	Continuous	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand	Sample Measurement	***	***	***	***	6.1	6.1	mg/L	Grab	1/month	
CBOD5)	Permit Measurement	***	***		***	25 Avg Mo	40 Wkly Avg		Grab	1/month	
Flow	Sample Measurement	.0546	***	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	***		***	***	***		Recorded	Continuous	

ATTACHMENT DETAILS											
File Name	Attachment Type	Uploaded Time	Attachment Comment								
Oct 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-11-07T13:11:01-05:00									
Cryptographic Hash Value of File (SHA-512)	271D33A53563D658CDBCD0732D34E	D7E11CE726611ED18B28B2B4709A7D	9A80E11928C4AB8E3AF7B363DE9D3E47F3C3CE83D95CEE67176A21CCC952757788EFA8								
Oct 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-11-07T13:11:31-05:00									
Cryptographic Hash Value of File (SHA-512)	6DF5208A8900ACBE2DFBB7353AE69	9A59839258BA351D1507F4C71D5E770	DED1473ABB46A54466F53CF53A74D3797999BBFA104FCBD5FB8290DDD8FEF57E864A5F								

PERMIT VI	OLATIONS															
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC		Correct	tive Action		С	comments	
UNAUTHO	RISED DISC	HARGES														
Non Compliance ID	Event Begin Date	Event End Date	Time Discover		tance Eve	nt Location	Volume	Duration	Receiving Waters	Impact Water	_	Cause Of Discharge	DEP Notified	Commen	its	
OTHER PE	RMIT VIOLA	TIONS														
Non Compliance ID	Stage Code (S	Sampling Point)	)	Reported Pa	rameter	Non Complia	ance Type	Comments								
COMMENT	S DETAILS															
Comment						Operator Na	me						Operator Cert Number	ification	Operator Contact Number	
						Paul F. Ruffir	ni						S6899		717 278-3444	
SUBMISSIO	ON INFORMA	ATION														
official information	mation. You on ather and evalued is,	certify under aluate the infection to the best of the	penalty of law formation sub	v that this do mitted. Basedge and be	ocument and ed on your i	d all attachme nquiry of the p	nts were prep person or pers	pared under y sons who ma	our direction on age the systematical contractions from the systematical contractions are not set to be a systematical contraction of the contract	or supe em or tl	ervision hose p	in accordar ersons direc	nce with a systal tly responsib	item des le for gat	of Pennsylvania. You are submigned to assure that qualified thering the information, the criminal penalties, including 18	

Submitted By Full Name

**Document Generated** 

Paul Ruffini

11/7/2016

Submitted By GreenPort User

**Email Address** 

RUFFINIP

paul.ruffini@thearrogroup.com



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	10 (select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal ap	plication due 180 d	ays.prior to exp	oiration.
Laboratories:	ALS Environmental			This permit	will expire on:	December 31, 20	016

Labo	natories.	ALC	ALS Environmental This permit will expire on.											December 31, 2016				
Y																		
		D			00005		T00	l	1 0 - 1''									
	•	Parameter	Flow		CBOD5		TSS		ecal Coliform		pН							
		Stage	1															
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q		
					<i>y</i>		<i>y</i>											
$\vdash$														<del>                                     </del>				
	C-+	40/4/40	0.05000															
$\vdash$	Sat	10/1/16	0.05688															
1	Sun	10/2/16	0.05688											<u> </u>				
$\vdash$	Mon	10/3/16	0.06093															
	Tue	10/4/16	0.06093															
	Wed	10/5/16	0.06093															
	Thu	10/6/16	0.0648															
	Fri	10/7/16	0.06443															
	Sat	10/8/16	0.06443															
2	Sun	10/9/16	0.06443															
	Mon	10/10/16	0.06475	$\vdash$	6.1		24.0				8.1				1			
	Tue	10/11/16	0.06475	$\vdash$	0.1		2-1.0			$\vdash$	0.1	$\vdash$		$\vdash$	<b>†</b>			
$\vdash$	Wed	10/11/16	0.05465									-		$\vdash$	<del> </del>			
$\vdash$												-		1	-			
$\vdash$	Thu	10/13/16	0.05465															
	Fri	10/14/16	0.05463															
	Sat	10/15/16	0.05463															
3	Sun	10/16/16	0.05463															
	Mon	10/17/16	0.04135															
	Tue	10/18/16	0.04135															
	Wed	10/19/16	0.0342					<	1.0									
	Thu	10/20/16	0.0342						-									
$\vdash$	Fri	10/21/16	0.0342															
$\vdash$	Sat	10/21/16	0.0342	$\vdash$								-		$\vdash$				
4	Sun	10/22/10	0.0342											-				
4														-				
$\vdash$	Mon	10/24/16	0.03155											_				
	Tue	10/25/16	0.0194															
	Wed	10/26/16	0.0303															
	Thu	10/27/16	0.03123															
	Fri	10/28/16	0.03123															
	Sat	10/29/16	0.03123															
5	Sun	10/30/16	0.03123															
	Mon	10/31/16	0.05075															
														<b>†</b>				
														1	<del> </del>			
$\vdash$				$\vdash$								_		$\vdash$				
$\vdash$												_		$\vdash$	<del> </del>			
Statics	ics for DMR											2 - 2				10-11		
Statist											0.4							
					6.1		24	<	1		8.1							
-	Daily Maxim				6.1		24	<	1		8.1							
N	Max Avg Wee				6.1			24										
		thly (Conc.):			6.1		24	24										
	Geometric Me				1													
	Max Avg We		0.061906		3		13											
		nthly (Load):	0.047268		3		13											
		nthly (Load):	1.465297		102		402											
		num (Load):	0.0194		3	13							1					
	Daily Maxim	num (Load):	0.0648								<b>†</b>			1				
					1				ı					_				

	Prepared By:	Paul F. Ruffini	License No.:	S6899
,	Title:	Agent	Date:	7-Nov-16



## SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 10 (Select number)	Year: 2016
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spray
Watershed:	3F-Wissahic	•	This permit will expire on: 31-D	Dec-16

		ļ	70no. 1	I Zana: 1	Tono: 2	7ana.	7ana:			Avorago	
			Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone: Acres:	Zone: Acres:	Procin	itation	Average Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
week	Бау	Date	Galions	Gallons	Galions	Gallons	Gallotis	inches	туре	-	Ground Conditions
	Sat	10/1/16	28,437	28,437							
1	Sun	10/2/16	28,437	28,437						73	Dry
H '-	Mon	10/3/16	30,466	30,466						7.0	Diy
	Tue	10/3/16	30,466	30,466							
	Wed	10/4/16	30,466	30,466						70	Dry
	Thu	10/5/16	32,400	32,400						70	Diy
	Fri	10/7/16	32,216	0	32,216						
	Sat	10/8/16	32,216	0	32,216						
2	Sun	10/9/16	32,216	0	32,216					52	Dry
	Mon	10/10/16	32,375	0	32,375					02	
$\parallel$	Tue	10/11/16	32,375	0	32,375					52	Dry
	Wed	10/12/16	0	27,325	27,325						,
	Thu	10/13/16	0	27,325	27,325					58	Dry
	Fri	10/14/16	0	27,316	27,316						,
	Sat	10/15/16	0	27,316	27,316						
3	Sun	10/16/16	0	27,316	27,316					80	Dry
	Mon	10/17/16	20,675	20,675	0						
	Tue	10/18/16	20,675	20,675	0					84	Dry
	Wed	10/19/16	17,100	17,100	0						
	Thu	10/20/16	17,100	17,100	0						
	Fri	10/21/16	17,100	17,100	0						
	Sat	10/22/16	17,100	17,100	0						
4	Sun	10/23/16	15,775	0	15,775					64	Dry
	Mon	10/24/16	15,775	0	15,775						
	Tue	10/25/16	9,700	0	9,700					51	Dry
	Wed	10/26/16	15,150	0	15,150			0.20	Rain	55	Wet
	Thu	10/27/16	15,612	0	15,612						
	Fri	10/28/16	0	15,612	15,612						
	Sat	10/29/16	0	15,612	15,612						
5	Sun	10/30/16	0	15,612	15,612					60	Dry
	Mon	10/31/16	0	25,375	25,375						
$\vdash$											
	Mon	thly Totals:	523,832	499,231	442,219			0.20			
		,	•	152,235	,			0.20	<u>J</u>		
Inch	Max Weekly: Inches/Acre/Week (Max):		216,667 1.30	152,235 0.91	206,248 1.24	0.00	0.00	-			
IIICII	C3/ACIE/VV	JON (IVIAX).	1.30	0.31	1.24	0.00	0.00	1			

Prepared By:	Paul F. Ruffini	License No.:	S 6899	
Title:	Agent	Date:	11/7/2016	_
	-			



### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)**

NAME: EAST WHITELAND TWP CHESTER CNTY ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355 FACILITY: **MALVERN HUNT STP** LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355 STAGE:

Final Effluent

1599418 PERMIT NUMBER

FROM

OUTFALL NUMBER

No Discharge?

MONITORING PERIOD YEAR МО DAY YEAR MO DAY 11 2016 01 TO 2016 11 30 Reorting Frequency: Monthly DMR Effective From: 11/01/2016 DMR Effective To: 11/30/2016 Permit Expires: 12/31/2016 Permit Application Due 12/28/2016

No

PARAMETER		QUAI	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	NC	SAMPLE TYPE	SAMPLE FREQUENCY
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITE	CANNI EL FINE QUEITO
Flow	Sample Measurement	1273048	***	gal	***	***	***	***	Calculation	1/month
	Permit Measurement	Monitor & Report Total Mo	***	]	***	***	***	] [	Calculation	1/month
рН	Sample Measurement	***	***	***	7.3	***	7.3	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Min	***	9.0 Max	] [	Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	5	5	mg/L	Grab	1/month
	Permit Measurement	***	***		***	30 Avg Mo	45 Wkly Avg	] [	Grab	1/month
Flow	Sample Measurement	.042435	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Avg Mo	***	1	***	***	***	] [	Recorded	Continuous
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***	1	***	200 Geo Mean	***	1 [	Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	3.3	3.3	mg/L	Grab	1/month
	Permit Measurement	***	***	]	***	25 Avg Mo	40 Wkly Avg	1 [	Grab	1/month
Flow	Sample Measurement	.0469	***	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	***	]	***	***	***	] [	Recorded	Continuous
Facility Comments					•		_			-



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Nov 2016 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2016-12-13T14:55:25-05:00	
Nov 2016 Land App Supp Form.pdf	Land Application Systems Form	2016-12-13T14:56:02-05:00	

### **PERMIT VIOLATIONS**

Non Compliance Event Begin Date Event End Date P	Parameter Limit Type	Reported Value Permitted Value	Load Units Sampling Point ID	Cause Of NC	Corrective Action	Comments
ID, and and			1			

### **UNAUTHORISED DISCHARGES**

Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
עו ן				Discharged						Discharge		

### OTHER PERMIT VIOLATIONS

	Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
--	-------------------	-----------------------------	--------------------	---------------------	----------

### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.0469 MGD; Influent BOD5 = 211 mg/L; Influent TSS = 106 mg/L	Paul F. Ruffini	S6899	717 278-3444

### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER		Doul Duffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2016	12	13
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT **DAILY EFFLUENT MONITORING**

Facility Name:	Malvern Hunt STP			Month:	11 (select number)	Year:	2016
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	olication due 180 da	ys prior to exp	iration.
Laboratories:	ALS Environmental			This permit v	will expire on: N	ovember 30, 20	021

	ŀ	Parameter	Flow		CBOD5		TSS	Fe	ecal Coliform		рН						
	D	Stage	1			L .		Ļ		_			1		T	_	
Veek	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
$\dashv$																	
1	Sun	10/30/16	0.03123														
	Mon	10/31/16	0.05075														
	Tue	11/1/16	0.05075														
	Wed	11/2/16	0.05043														
	Thu	11/3/16	0.05043														
	Fri	11/4/16	0.05043														
_	Sat	11/5/16	0.05043														
2	Sun	11/6/16	0.0405														
-	Mon	11/7/16	0.0405		3.3		5.0				7.3						
_	Tue Wed	11/8/16 11/9/16	0.03735 0.03735			-		<	1.0								
$\dashv$						-											
$\dashv$	Thu Fri	11/10/16 11/11/16	0.0438 0.0438														
-	Sat	11/11/16	0.0438														
3	Sun	11/12/16	0.0438														
-	Mon	11/13/16	0.0430														
$\dashv$	Tue	11/15/16	0.0477			$\vdash$											
	Wed	11/16/16	0.04717														
	Thu	11/17/16	0.04717														
$\neg$	Fri	11/18/16	0.04717														
$\neg$	Sat	11/19/16	0.04715														
4	Sun	11/20/16	0.04715														
	Mon	11/21/16	0.0467														
	Tue	11/22/16	0.0405														
	Wed	11/23/16	0.03788														
	Thu	11/24/16	0.03788														
	Fri	11/25/16	0.03788														
-	Sat	11/26/16	0.03788														
5	Sun	11/27/16	0.03788														
-	Mon Tue	11/28/16	0.04095 0.04095														
_	Wed	11/29/16 11/30/16	0.04095														
$\dashv$	Thu	12/1/16	0.0														
$\dashv$	Fri	12/1/16	0.0					_									
_	Sat	12/3/16	0.0				-				5.7						_
atisti	cs for DMR																
	Daily Minimu	ım (Conc.):			3.3		5	<	1		7.3						
	Daily Maxim	um (Conc):			3.3		5	<	1		7.3						
N	lax Avg Wee				3.3		5										
		thly (Conc.):			3.3		5										
	Geometric Me							<	1								
-	Max Avg We		0.047776		1		2										
		nthly (Load):	0.042435 1.273048	$\sqcup$	1 33	$\perp$	2 51	<u> </u>		<u> </u>						<u> </u>	
	Daily Minim	nthly (Load):	0	$\square$	1		2										
	Daily Maxim		0.05075		<u> </u>		2	<u> </u>				-		-		<b>—</b>	
quiry o	under penalt	y of law that	this document who manage the	e syste		s direct	or supervision in a	atherir	ng the information,	he info	rmation submitted i	s, to th	personnel gather ar ne best of my knowl	edge a	and belief, true, acc		

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	13-Dec-16



## SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 11 (Select number)	Year:	2016
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall:	Spray
Watershed:	3F-Wissahic	•	This permit will expire on: 30-No	ov-21	

		Ī	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:			Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
									7,1		
$\vdash$											
1	Sun	10/30/16	0	15,612	15,612						
	Mon	10/31/16	0	25,375	25,375						
	Tue	11/1/16	0	25,375	25,375					75	Dry
	Wed	11/2/16	25,212	25,212	0						,
	Thu	11/3/16	25,212	25,212	0						
	Fri	11/4/16	25,212	25,212	0						
	Sat	11/5/16	25,212	25,212	0						
2	Sun	11/6/16	20,250	20,250	0					41	Dry
	Mon	11/7/16	20,250	0	20,250					50	Dry
	Tue	11/8/16	18,675	0	18,675					55	Dry
	Wed	11/9/16	18,675	0	18,675						
	Thu	11/10/16	21,900	0	21,900					51	Dry
	Fri	11/11/16	0	21,900	21,900						
	Sat	11/12/16	0	21,900	21,900						
3	Sun	11/13/16	0	21,900	21,900						
	Mon	11/14/16	0	23,850	23,850					59	Dry
	Tue	11/15/16	0	23,850	23,850					62	Dry
	Wed	11/16/16	0	23,583	23,583					60	Dry
	Thu	11/17/16	23,583	23,583	0						
	Fri	11/18/16	23,583	23,583	0						
	Sat	11/19/16	23,575	23,575	0						
4	Sun	11/20/16	23,575	23,575	0						
	Mon	11/21/16	23,350	23,350	0					35	Dry
	Tue	11/22/16	20,250	0	20,250					40	Dry
	Wed	11/23/16	18,940	0	18,940					32	Dry
	Thu	11/24/16	18,940	0	18,940						
	Fri	11/25/16	18,940	0	18,940						
	Sat	11/26/16	18,940	0	18,940						
5	Sun	11/27/16	0	18,940	18,940						
	Mon	11/28/16	0	20,475	20,475					50	Dry
	Tue	11/29/16	0	20,475	20,475			0.40	Rain	55	Dry
	Wed	11/30/16	0	0	0			1.10	Rain	60	Wet
	Thu	12/1/16	0	0	0						
	Fri	12/2/16	0	0	0						
	Sat	12/3/16	0	0	0			<u></u>			
		nly Totals:	414,274	461,012	397,758			1.50			
1		ax Weekly:	142,935	167,210	123,300	0	0				
Inch	nes/Acre/W	еек (Мах):	0.85	0.99	0.74	0.00	0.00	J			

Prepared By:	Paul F. Ruffini	License No	0.:	S 6899
Title:	Agent	Date:	12/13/2016	
			•	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2016
 12
 01
 TO
 2016
 12
 31

OUTFALL NUMBER

1599418

PERMIT NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 12/01/2016

 DMR Effective To:
 12/31/2016

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

 No Discharge?
 Yes

PARAMETER		QUA	NTITY OR LOA	DING	C	UANTITY OR C	ONCENTRATIO	NC	SAMPLE TYPE	SAMPLE FREQUENCY
FARAWETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMIFLE TIFE	
рН	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		30.0 Avg Mo	***	***	]	Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***	] [	Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***	]	25.0 Avg Mo	***	***	]	Grab	1/month
Facility Comments		•	•	-	•					-



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

PERMIT NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2016
 12
 01
 TO
 2016
 12
 31

516778

OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 12/01/2016

 DMR Effective To:
 12/31/2016

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

 No Discharge?
 No

PARAMETER	QUANTITY OR LOAI			DING	QI	JANTITY OR C	ONCENTRATIO	SAMPLE TYPE	SAMPLE FREQUENCY		
TAWWELLK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	O/ WIT EL TITLE	O, WII EE I REGEROT	
Flow	Sample Measurement	.0479	.0595	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

### **DISCHARGE MONITORING REPORT (DMR)**

### ATTACHMENT DETAILS

		File Name			Attachment Type			Uploaded Time			Attachment Comment				
PERMIT VIOLA	ATIONS														
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of N	С	Correct	ive Action	Comments		
UNAUTHORISED DISCHARGES															
Non Compliance ID	Event Begin Date	Event End Date	Time Discove		stance harged	Event Location	Volume	Duration	Receiving Waters	Impact On Wate	Cause Of Discharge	DEP Notified	Comments		
OTHER PERMIT VIOLATIONS															
Non Compliance ID Stage Code (Sampling Point) Reported Parameter Non Compliance Type Comments						Comments									

### **COMMENTS DETAILS**

ſ	Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Raw Influent Data: Avg. Daily Influent Flow = 0.0479 MGD; Influent BOD5 = 126 mg/L; Influent TSS = 105 mg/L	Paul F. Ruffini	S6899	717 278-3444

### SUBMISSION INFORMATION

SUBMISSION INFORM	MATION						
SUBMITTED BY GREENPORT USER		Doul Buffini	TELEPHONE		DATE		
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	1	10
RUFFINIP	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

LOCATION:

1599418
PERMIT NUMBER

МО

01

DAY

01

YEAR

2017

FROM

001
OUTFALL NUMBER

MO

01

DAY

31

 Reorting Frequency:
 Monthly

 DMR Effective From:
 01/01/2017

 DMR Effective To:
 01/31/2017

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

 No Discharge?
 Yes

### **PARAMETERS REPORTED VALUES**

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY
TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAWI LE TITE	SAWI LE I REQUENCT
рН	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX	] [	Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		30.0 Avg Mo	***	***	] [	Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***	] [	Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***	1	25.0 Avg Mo	***	***	] [	Grab	1/month
Facility Comments			•	-	•					

MONITORING PERIOD

TO

YEAR

2017



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

PERMIT NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2017
 01
 01
 TO
 2017
 01
 31

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 01/01/2017

DMR Effective To: 01/31/2017

Permit Expires: 11/30/2050

Permit Application Due 06/03/1950

No Discharge? No

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY	
LANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWII EE TTT E	JAMI LE I NEQUENCT	
Flow	Sample Measurement	.0469	.0677	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments		_			_	_	_	_	_		



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comme	nt							
PERMIT VIOLATIONS											
Non Compliance   Event Begin Date   Event End Date   Parameter   Limit	Type Reported Value Permitted Value	Load Units Sampling Point ID Caus	se Of NC Corrective Action	Comments							
UNAUTHORISED DISCHARGES											
Non Compliance ID Event Begin Date Event End Date Time Discovered	Substance Event Location Discharged	Volume Duration Receiving V	Vaters Impact On Water Cause Of DEP Notified Discharge	Comments							
OTHER PERMIT VIOLATIONS											
Non Compliance ID Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comment	S							

### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Raw influent average daily flow = 0.0469 MGD; Raw influent BOD5 = 194 mg/L; Raw influent TSS = 228 mg/L.	Paul F. Ruffini	S6899	717 278-3444

### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	2	7
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

DAY

01

YEAR

2017

FROM

МО

02

001
OUTFALL NUMBER

MO

02

DAY

28

DMR Effective From:
DMR Effective To:
Permit Expires:
Permit Application Due
No Discharge?

Reorting Frequency:

Monthly
02/01/2017
02/28/2017
11/30/2050
06/03/1950
Yes

### **PARAMETERS REPORTED VALUES**

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITE	CANNIEL PREGERVOT	
pH	Sample Measurement	***	***	***	***	***	***	S.U.			
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX	] [	Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L			
	Permit Measurement	***	***		30.0 Avg Mo	***	***	] [	Grab	1/month	
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml			
	Permit Measurement	***	***		***	200 Geo Mean	***	] [	Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L			
	Permit Measurement	***	***	]	25.0 Avg Mo	***	***	] [	Grab	1/month	
Facility Comments		•	•	•	•	•		•		•	

MONITORING PERIOD

TO

YEAR

2017



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

516778

OUTFALL NUMBER

MO

02

DAY

28

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR

 FROM
 2017
 02
 01
 TO
 2017

1599418

PERMIT NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 02/01/2017

 DMR Effective To:
 02/28/2017

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

 No Discharge?
 No

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
T ANAMIETEN		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LE TITL	CAWI EL I REGULTOT	
Flow	Sample Measurement	.0439	.0498	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

### ATTACHMENT DETAILS

	File Name Attachment Type							Jploaded Time				Attachmen	nt Comment
PERMIT VIOLA	ATIONS												
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of N	С	Correct	ive Action	Comments
UNAUTHORIS	UNAUTHORISED DISCHARGES												
Non Compliance ID	Event Begin Date	Event End Date	Time Discovere		stance Ev narged	ent Location	Volume	Duration	Receiving Waters	Impact On Wate	Cause Of Discharge	DEP Notified	Comments
OTHER PERM	OTHER PERMIT VIOLATIONS												
Non Complian	Non Compliance ID Stage Code (Sampling Point)			Reported Parameter		Non Compliance Type			Comments				

### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent flow = 0.0439 MGD; Influent BOD5 = 236 mg/L; Influent TSS = 152 mg/L.	Edwin D. Jamieson III	T1655	484 746-0895

### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	3	7
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



NAME:

ADDRESS:

FACILITY:

# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

EAST WHITELAND TWP CHESTER CNTY

209 CONESTOGA RD, FRAZER PA, 19355

MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

001
OUTFALL NUMBER

Reorting Frequency: Monthly
DMR Effective From: 03/01/20
DMR Effective To: 03/31/20
Permit Expires: 11/30/20

Yes

Permit Application Due

No Discharge?

03/01/2017 03/31/2017 11/30/2050 06/03/1950

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2017
 03
 01
 TO
 2017
 03
 31

PARAMETER		QUA	NTITY OR LOA	DING	C	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITL	O, WII EET REGEROT
рН	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***	]	30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***	1	25.0 Avg Mo	***	***		Grab	1/month
Facility Comments			•	-	•	•	_			



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

FROM

516778

OUTFALL NUMBER

No Discharge?

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 2017
 03
 01
 TO
 2017
 03
 31

 Reorting Frequency:
 Monthly

 DMR Effective From:
 03/01/2017

 DMR Effective To:
 03/31/2017

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

No

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	O/WII EE TTT E	OAIVII EETREGOENOT	
Flow	Sample Measurement	.0452	.0638	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

### ATTACHMENT DETAILS

	File Name					ent Type	l	Jploaded Time		Attachment Comment			
PERMIT VIOLA	ATIONS												
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Val	ue Permitted Value	Load Units	Sampling Point ID	Cause Of N	С	Correct	ive Action	Comments
UNAUTHORIS	UNAUTHORISED DISCHARGES												
Non Compliance ID	Event Begin Date	Event End Date	Time Discover		stance charged	Event Location	Volume	Duration	Receiving Waters	Impact On Wate	ter Cause Of Discharge	DEP Notified	Comments
OTHER PERM	OTHER PERMIT VIOLATIONS												
Non Complian	Non Compliance ID Stage Code (Sampling Point)			Reported Parameter		Non Compliance Type			Comments				

### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent data: Average Daily Influent Flow = 0.0452 MGD; Influent BOD5 = 202 mg/L; Influent TSS = 138 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

### SUBMISSION INFORMATION

SUBMISSION INFORM	MATION						
SUBMITTED BY GREENPORT USER		Doul Buffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	4	6
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418

PERMIT NUMBER

OUTFAL

OUTFALL NUMBER

DAY

30

MO

04

 Reorting Frequency:
 Monthly

 DMR Effective From:
 04/01/2017

 DMR Effective To:
 04/30/2017

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

 No Discharge?
 No

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR

 FROM
 2017
 04
 01
 TO
 2017

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITL	O/WII EE I NE GOENOT	
рН	Sample Measurement	***	***	***	6.8	***	8.04	S.U.	Grab	2/month	
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	21.5	***	***	mg/L	Grab	2/month	
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	4.6	***	***	mg/L	Grab	2/month	
	Permit Measurement	***	***	1	25.0 Avg Mo	***	***		Grab	1/month	
Facility Comments			-		-		-				



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

PERMIT NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2017
 04
 01
 TO
 2017
 04
 30

516778

OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 04/01/2017

 DMR Effective To:
 04/30/2017

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

 No Discharge?
 No

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWII EE TTT E	OAIVII EE I REGOENOT	
Flow	Sample Measurement	.0423	.0671	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Apr 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-05-16T10:45:37-04:00	
Apr 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-05-16T10:46:23-04:00	

### **PERMIT VIOLATIONS**

Non Compliance	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
ID.											

### **UNAUTHORISED DISCHARGES**

I	Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
	ID.				Discharged				J		Discharge		
- 1					Discharged						Discharge		

### OTHER PERMIT VIOLATIONS

	Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
-					

### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.0423 MGD; Influent BOD5 = 121 mg/L; Influent TSS = 83 mg/L	Edwin D. Jamieson III	T1655	484 746-0895

### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a		TELEPHO	DATE			
	system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	5	16
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	4(select number)	Year:	2017
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	olication due 180 d	ays.prior to exp	iration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	November 30, 20	021

Lubo	natones.	ALC	ALS Environmental This permit will expire on				ipii c oii.	November 30, 2021									
7																	
		Davamatav			00005		T00	l									
	4	Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		pН						
		Stage	1														
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
Week	Бау	Date	WICE	Ť	mg/L	- ~	mg/L	Ť	01 0/100 1111	- T	0.0.	Ť		Ť		Ť	
$\vdash$								-									
	Sat	4/1/17	0.05405														
1	Sun	4/2/17	0.05405														
	Mon	4/3/17	0.0728								6.8						
	Tue	4/4/17	0.0728					l									
	Wed	4/5/17	0.0488														
	Thu	4/6/17	0.0														
	Fri	4/7/17	0.048														
	Sat	4/8/17	0.048														
2	Sun	4/9/17	0.056														
-					0.7		00.0				0.04			<u> </u>			
	Mon	4/10/17	0.0589		6.7		32.0				8.04			<u> </u>			
	Tue	4/11/17	0.0589					<	1.0					<b>├</b>		<u> </u>	
	Wed	4/12/17	0.0589														
	Thu	4/13/17	0.0589														
	Fri	4/14/17	0.06973														
	Sat	4/15/17	0.06973														
3	Sun	4/16/17	0.06973														
<u> </u>	Mon	4/17/17	0.06593														
$\vdash$	Tue	4/18/17	0.06593					$\vdash$						-			
														_			
	Wed	4/19/17	0.06593				44.0										
	Thu	4/20/17	0.0631		2.5		11.0										
$\square$	Fri	4/21/17	0.0631														
	Sat	4/22/17	0.0631														
4	Sun	4/23/17	0.0631														
	Mon	4/24/17	0.06268														
	Tue	4/25/17	0.06268														
	Wed	4/26/17	0.06268														
	Thu	4/27/17	0.06268														
$\vdash$	Fri	4/28/17	0.0563											-			
$\vdash$	Sat	4/29/17	0.0563					$\vdash$						-			
5	Sun	4/30/17	0.0563											-			
3	Juli	4/30/17	0.0503														
$\blacksquare$																	
								L				$L^{-}$					
							-		- 1			5					_
Statist	ics for DMR																
	Daily Minim	ım (Conc.).			2.5		11	<	1		6.8						
	Daily Maxim				6.7	$\vdash$	32	-	1		8.04			<b>-</b>		$\vdash$	ļ
	Max Avg Wee			$\vdash$	6.7	$\vdash$	32	⊢̀	•	$\vdash$	0.04	-		├		$\vdash$	
ľ					4.6		22	<u> </u>						<u> </u>			
,		thly (Conc.):			4.0		44	<	4					<u> </u>		L	
,	Geometric Me	olde (L = = =1)	0.065364	ш		ш	10	┕┶	•					<u> </u>		$ldsymbol{ldsymbol{ldsymbol{eta}}}$	
	Max Avg We		0.065261		3		16										
		nthly (Load):	0.05897		2		11										
	Total Mor	nthly (Load):	1.769095		69		323										
		num (Load):	0		1		6										
	Daily Maxim	num (Load):	0.0728		3		16										
												_					

Prepared B	r: Paul F. Ruffini	License No.	
Title:	Agent	Date:	16-May-17



## SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malvern	Hunt STP	Month: 4 (Select number)	Year: 2017
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spray
Watershed:	3F-Wissahic		This permit will expire on:	30-Nov-21

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	Precipitation		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
	Sat	4/1/17	27,025	27,025	0					60	Dry
1	Sun	4/2/17	27,025	27,025	0					62	Dry
	Mon	4/3/17	36,400	36,400	0			0.20	Rain	76	Wet
	Tue	4/4/17	36,400	36,400	0					70	Dry
	Wed	4/5/17	24,400	24,400	0					70	Dry
	Thu	4/6/17	0	0	0			0.71	Rain	45	Wet
	Fri	4/7/17	24,000	0	24,000						
	Sat	4/8/17	24,000	0	24,000					39	Dry
2	Sun	4/9/17	28,000	0	28,000						
	Mon	4/10/17	29,450	0	29,450					80	Dry
	Tue	4/11/17	29,450	0	29,450						
	Wed	4/12/17	29,450	0	29,450						
	Thu	4/13/17	29,450	0	29,450						
	Fri	4/14/17	0	34,866	34,866					58	Dry
	Sat	4/15/17	0	34,866	34,866						
3	Sun	4/16/17	0	34,866	34,866						
	Mon	4/17/17	0	32,966	32,966			0.10	Rain	70	Damp
	Tue	4/18/17	0	32,966	32,966						
$\sqcup$	Wed	4/19/17	0	32,966	32,966						
	Thu	4/20/17	0	31,550	31,550					73	Dry
	Fri	4/21/17	31,550	31,550	0						
	Sat	4/22/17	31,550	31,550	0						
4	Sun	4/23/17	31,500	31,500	0					50	D
	Mon	4/24/17	31,338	31,338	0					58	Damp
	Tue Wed	4/25/17 4/26/17	31,338 31,338	31,338 31,338	0						
		4/26/17	31,338	31,338	0						
$\parallel$	Thu	4/27/17								00	Dmi
	Fri Sat	4/28/17	28,150 28,150	0	28,150 28,150					68	Dry
5	Sun	4/29/17	28,150	0	II '						
5	Sun	4/30/17	28,150	U	28,150						
<b> </b>								1		1	
<b> </b>								1			
$\parallel$							-	1			
$\parallel$											
ш	Mon	thly Totals:	649,452	606,248	513,296	<u> </u>	<u> </u>	1.01			
		ax Weekly:	213,152	228,414	215,532	0	0		J		
Inch	nes/Acre/W		1.27	1.36	1.29	0.00	0.00	1			
11101	.55/, 15/6/ 44	Jon (wax).	L	1.00	1.20	3.00	3.00	Ţ			

Prepared By:	Paul F. Ruffini	License No	o.: S 68	i <b>9</b> 9
Title:	Agent	Date:	5/16/2017	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

PERMIT NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2017
 05
 01
 TO
 2017
 05
 31

OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 05/01/2017

 DMR Effective To:
 05/31/2017

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

 No Discharge?
 No

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATION	ON	SAMPLE TYPE	SAMPLE FREQUENCY	
FARAWLILK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLE TIFE	S. W. LE I REQUERO	
рН	Sample Measurement	***	***	***	7.89	***	7.89	S.U.	Grab	1/month	
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX	] [	Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	8.0	***	***	mg/L	Grab	1/month	
	Permit Measurement	***	***		30.0 Avg Mo	***	***	]	Grab	1/month	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***	]	Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	2.9	***	***	mg/L	Grab	1/month	
	Permit Measurement	***	***	]	25.0 Avg Mo	***	***		Grab	1/month	
Facility Comments		•	•	-	•			•		•	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

FROM

516778

OUTFALL NUMBER

No Discharge?

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 2017
 05
 01
 TO
 2017
 05
 31

 Reorting Frequency:
 Monthly

 DMR Effective From:
 05/01/2017

 DMR Effective To:
 05/31/2017

 Permit Expires:
 11/30/2050

 Permit Application Due
 06/03/1950

06/03/1950 No

PARAMETER		QUANTITY OR LOADING QUANTITY OR CONCENTRATION							SAMPLE TYPE	SAMPLE FREQUENCY
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LL TITL	OAMI EE I REQUENOT
Flow	Sample Measurement	.0459	.0568	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments										



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

### **DISCHARGE MONITORING REPORT (DMR)**

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
May 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-06-08T11:26:39-04:00	
May 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-06-08T11:25:53-04:00	

### **PERMIT VIOLATIONS**

Non Compliance Event Begin Date Event End Date Parameter	Limit Type Reported Value P	Permitted Value Load Units Sampling Point ID	Cause Of NC	Corrective Action	Comments
l ID' l	. ,,,				

### **UNAUTHORISED DISCHARGES**

I	Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
	ID.				Discharged				J		Discharge		
- 1					Discharged						Discharge		

### OTHER PERMIT VIOLATIONS

	Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
--	-------------------	-----------------------------	--------------------	---------------------	----------

### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Monthly Average Influent Flow = 0.0459 MGD; Influent BOD5 = 207 mg/L; Influent TSS = 194 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	, , , ,	Daul Duffini	TELEPHO	NE	DATE		
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	6	8
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	5(select number)	Year:	2017
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal appl	ication due 180 da	ys prior to exp	iration.
Laboratories:	ALS Environmental			This permit w	ill expire on: N	lovember 30, 20	)21

Eaboratories. AEC			LIIVII OIIIII							•	rins permit v			311DE1 30, 202		
		Parameter	Flow		CBOD5		TSS	Fe	ecal Coliform		рН					
		Stage	1	Ь.		-		Ь—		_		_	├		Ь—	
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q	Q		Q	
1	Sun	4/30/17	0.0563													
	Mon	5/1/17	0.0836													
	Tue	5/2/17	0.0836													
	Wed	5/3/17	0.0828													
	Thu	5/4/17	0.0828													
$\blacksquare$	Fri	5/5/17	0.0020										$\vdash$			
	Sat	5/6/17	0.0													
2	Sun	5/7/17	0.0	$\vdash$												
<b>-</b>	Mon	5/8/17	0.09187		2.9		8.0	_			7.89	_	┢			
$\blacksquare$					2.9		6.0	<u>.</u>	4.0		7.09		-			
1	Tue Wed	5/9/17 5/10/17	0.09187					<	1.0				_			
			0.09187													
$\vdash$	Thu	5/11/17	0.0935													
	Fri	5/12/17	0.0954													
	Sat	5/13/17	0.0954													
3	Sun	5/14/17	0.0954													
	Mon	5/15/17	0.0522													
	Tue	5/16/17	0.0													
	Wed	5/17/17	0.0916													
	Thu	5/18/17	0.0916													
	Fri	5/19/17	0.0787													
	Sat	5/20/17	0.0787													
4	Sun	5/21/17	0.0788													
	Mon	5/22/17	0.07838													
	Tue	5/23/17	0.07838										┢			
	Wed	5/24/17	0.07838													
	Thu	5/25/17	0.07838													
$\vdash$	Fri	5/26/17	0.0879										-			
$\vdash$	Sat	5/27/17	0.0879										-			
5	Sun	5/28/17	0.0879													
$\vdash$	Mon	5/29/17	0.08775													
	Tue	5/30/17	0.08775													
	Wed	5/31/17	0.08715									<u> </u>	L			
	Thu	6/1/17	0.8715													
	Fri	6/2/17	0.1032													
	Sat	6/3/17	0.10995				7	7.00	-			0 10	5 4		D-1	- /
Statist	ics for DMR															
	Daily Minim				2.9		8	<	1		7.89		11			
	Daily Maxim				2.9		8	<	1		7.89					
ı	Max Avg Wee				2.9		8									
	Avg Mon	thly (Conc.):			2.9		8									
	Geometric Me	ean (Conc.):						<	1							
	Max Avg We		0.205029		2		6						l			
		nthly (Load):	0.074179		2		6									
		nthly (Load):	2.299548		69		190						l			
		num (Load):	0		2		6									
	Daily Maxim	num (Load):	0.0954		2		6						l			
		ı				•		-	•	•		_	•	•	_	

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	8-Jun-17



#### **SUPPLEMENTAL REPORT** LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: <b>5</b> (Select number)	Year: <b>2017</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spray
Watershed:	3F-Wissahic		This permit will expire on: 3	<del></del>

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	<u> </u>		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Procin	itation	Temp	
Week	Day	I Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
Week	Day	Date	Ganons	Gallons	Ganons	Gallons	Gallons	Inches	турс		Cround Conditions
1	Sun	4/30/17	28,150	0	28,150					67	Dry
<u> </u>	Mon	5/1/17	41,800	0	41,800					<u> </u>	2.,
	Tue	5/2/17	41.800	0	41,800						
	Wed	5/3/17	41,400	0	41,400					66	Dry
	Thu	5/4/17	41,400	0	41,400						= - ,
	Fri	5/5/17	0	0	0			1.20	Rain	66	Wet
	Sat	5/6/17	0	0	0						
2	Sun	5/7/17	0	0	0						
	Mon	5/8/17	45,933	45,933	0					62	Dry
	Tue	5/9/17	45,933	45,933	0						·
	Wed	5/10/17	45,933	45,933	0						
	Thu	5/11/17	46,750	46,750	0			0.20	Rain	56	Damp
	Fri	5/12/17	0	47,700	47,700					56	Dry
	Sat	5/13/17	0	47,700	47,700						
3	Sun	5/14/17	0	47,700	47,700						
	Mon	5/15/17	0	26,100	26,100					70	Dry
	Tue	5/16/17	0	0	0						
	Wed	5/17/17	0	45,800	45,800					93	Dry
	Thu	5/18/17	0	45,800	45,800						
	Fri	5/19/17	39,350	0	39,350					93	Dry
	Sat	5/20/17	39,350	0	39,350						
4	Sun	5/21/17	39,400	0	39,400			0.00		60	Dry
	Mon	5/22/17	39,188	0	39,187			0.20	Rain	65	Wet
	Tue	5/23/17	39,188	0	39,187			0.40	Rain		
$\parallel$	Wed	5/24/17 5/25/17	39,188 39,188	0	39,187			0.40 0.40	Rain		
$\parallel$	Thu		· '		39,187			0.40	Rain	70	D.::
$\vdash$	Fri Sat	5/26/17 5/27/17	43,950 43,950	43,950 43,950	0					72	Dry
5	Sun	5/27/17	43,950	43,950 43,950	0						
<sup>3</sup>	Mon	5/28/17	43,950	43,950	0			0.40	Rain	70	Wet
$\vdash$	Tue	5/29/17	43,875	43,875	0			0.40	Rain	70	vvet
$\vdash$	Wed	5/31/17	43,575	43,575	0		_				
$\vdash$	Thu	6/1/17	43,575	43,575	0					81	Dry
$\vdash$	Fri	6/2/17	0	51,600	51,600	<b>-</b>	+			77	Dry
$\vdash$	Sat	6/3/17	0	54,975	54,975					,,	Diy
ш		thly Totals:		708,524	702,048	<u> </u>	<del>1</del>	3.20			
		ax Weekly:	284,052	325,425	244,100	0	0		Ш		
Inch		eek (Max):	1.70	1.94	1.46	0.00	0.00	1			
		` '						<b>J</b>			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	6/8/2017



#### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)**

NAME: EAST WHITELAND TWP CHESTER CNTY ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633** 

FACILITY: **MALVERN HUNT STP** 

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418 PERMIT NUMBER

OUTFALL NUMBER

No Discharge?

Reorting Frequency: Monthly DMR Effective From: 06/01/2017 DMR Effective To: 06/30/2017 Permit Expires: 11/30/2021 Permit Application Due 06/03/2021

No

MONITORING PERIOD YEAR МО DAY YEAR MO 06 FROM 2017 01 TO 2017 06

DAY 30

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	NC	SAMPLE TYPE	SAMPLE FREQUENCY
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITE	SAMI LE I NEQUENOT
рН	Sample Measurement	***	***	***	8.2	***	8.2	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	12.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	4.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR

 FROM
 2017
 06
 01
 TO
 2017

1599418

PERMIT NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 06/01/2017

 DMR Effective To:
 06/30/2017

 Permit Expires:
 11/30/2021

 Permit Application Due
 06/03/2021

 No Discharge?
 No

#### PARAMETERS REPORTED VALUES

PARAMETER		QUA	NTITY OR LOAD	DING	QI	JANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TAXAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LE TITL	SAMI LE I REQUENCT	
Flow	Sample Measurement	.0448	.0592	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											

516778

OUTFALL NUMBER

MO

06

DAY

30



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
June 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-07-10T14:17:15-04:00	
June 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-07-10T14:16:33-04:00	

#### **PERMIT VIOLATIONS**

Non Compliance	Event Regin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
Non compliance	Lvent begin bate	Lvent Liid Date	I arameter	Limit Type	Reported Value	remitted value	Load Office	Camping I Chit ID	Cause Of NO	Corrective Action	Comments
l ID											(
											1

#### **UNAUTHORISED DISCHARGES**

Ion Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DFP Notified	Comments
 ion compilance	Event Begin Bate	Event Liia Date	Time Discovered		Event Location	1 *************************************	Duration	Receiving waters	impaot on water		DEI Hounca	Comments
ID				Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

	Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
--	-------------------	-----------------------------	--------------------	---------------------	----------

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.0448 MGD; Influent BOD5 = 284 mg/L; Influent TSS = 224 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER		Doul Duffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	7	10
RUFFINIP	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	6 (select number)	Year:	2017
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	lication due 180 d	ays prior to exp	piration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	November 30, 2	021

	natorics.		LIIVIIOIIIIE							•	Tillo politilit v		<b></b>		311DE1 30, 202		
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1	Ь.						L							
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	Thu	6/1/17	0.08715														
	Fri	6/2/17	0.1032														
	Sat	6/3/17	0.10995														
1	Sun	6/4/17	0.10995														
$\vdash$	Mon	6/5/17	0.10115														
$\blacksquare$	Tue	6/6/17	0.10115														
$\vdash$	Wed	6/7/17															
$\blacksquare$			0.10115														
$\vdash$	Thu	6/8/17	0.10115														
	Fri	6/9/17	0.10483														
$\blacksquare$	Sat	6/10/17	0.10483														
2	Sun	6/11/17	0.10483														
$\blacksquare$	Mon	6/12/17	0.10085		4.0		12.0				8.2						
	Tue	6/13/17	0.10085					<	1.0								
	Wed	6/14/17	0.11085														
	Thu	6/15/17	0.11085														
	Fri	6/16/17	0.1245														
	Sat	6/17/17	0.10575														
3	Sun	6/18/17	0.10575														
	Mon	6/19/17	0.0														
	Tue	6/20/17	0.10617														
	Wed	6/21/17	0.10617														
$\vdash$	Thu	6/22/17	0.10617														
$\vdash$	Fri	6/23/17	0.10953														
$\vdash$	Sat	6/24/17	0.10953	$\vdash$								_					
4	Sun	6/25/17	0.10953														
	Mon	6/26/17	0.10935														
$\vdash$	Tue	6/27/17	0.10875														
	Wed	6/28/17															
			0.10885														
$\vdash$	Thu	6/29/17	0.10885														
	Fri	6/30/17	0.0945														
<b>I</b>	Sat	7/1/17	0.063														
5																	
			n				T	7 (		7 .7	- 4	3 = 0	11	. 40		D = 12	
Statist	ics for DMR																
	Daily Minim	um (Conc.):	7-		4		12	<	1		8.2						
	Daily Maxim				4		12	<	1		8.2						
1	Max Ávg We				4		12										
	Avg Mon	thly (Conc.):			4		12										
	Geometric M							<	1								
	Max Avg We		0.108355	Н	3		10										
		nthly (Load):	0.102185	$\vdash$	3		10					$\vdash$		$\vdash$			
	Total Mo	nthly (Load):	3.065546	Н	101		303			$\vdash$							
		num (Load):	0		3		10										
	Daily Maxin	num (Load):	0.1245	$\vdash$	3		10			$\vdash$							
																_	

Prepared	By: Paul F. Ruffini	License No.: S6899	9
Title:	Agent	Date: 10-Ju	I-17



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malvern Hun	t STP	Month: 6	(Select number)	Year:	2017
Municipality:	East Whiteland Township C	County: Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahic	<u> </u>	This permit w	ill expire on: 30-N	lov-21	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	<u> </u>		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
	Thu	6/1/17	43,575	43,575	0				7,1		
	Fri	6/2/17	0	51,600	51,600					78	Dry
	Sat	6/3/17	0	54,975	54,975						,
1	Sun	6/4/17	0	54,975	54,975						
	Mon	6/5/17	0	50,575	50,575			0.70	Rain	71	Wet
	Tue	6/6/17	0	50,575	50,575						
	Wed	6/7/17	0	50,575	50,575						
	Thu	6/8/17	0	50,575	50,575						
	Fri	6/9/17	52,417	0	52,417					70	Dry
	Sat	6/10/17	52,417	0	52,417						
2	Sun	6/11/17	52,417	0	52,417						
	Mon	6/12/17	50,425	0	50,425					93	Dry
	Tue	6/13/17	50,425	0	50,425						
	Wed	6/14/17	55,425	0	55,425					84	Dry
	Thu	6/15/17	55,425	0	55,425						
	Fri	6/16/17	62,250	62,250	0					84	Dry
	Sat	6/17/17	52,875	52,875	0					70	Damp
3	Sun	6/18/17	52,875	52,875	0						
	Mon	6/19/17	0	0	0						
	Tue	6/20/17	53,083	53,083	0			1.40	Rain	89	Dry
	Wed	6/21/17	53,083	53,083	0					85	Wet
	Thu	6/22/17	53,083	53,083	0						
	Fri	6/23/17	0	54,766	54,766						
	Sat	6/24/17	0	54,766	54,766					88	Dry
4	Sun	6/25/17	0	54,766	54,766						
	Mon	6/26/17	0	54,375	54,375						
	Tue Wed	6/27/17 6/28/17	0	54,375 54,425	54,375 54,425					83	Dry
	Thu	6/29/17	0	54,425	54,425					81	Dn/
			-							01	Dry
<b>I</b>	Fri Sat	6/30/17 7/1/17	47,250 31,500	0	47,250 31,500					93	Dn/
5	Sat	7/1/17	31,500	U	31,500					93	Dry
) 3											
$\parallel$											
$\vdash$				<u> </u>				-			
$\parallel$											
$\parallel$											
$\parallel$						<del> </del>		1			
	Mon	thly Totals:	787,025	1,116,5/2	1,161,949	i	<del> </del>	2.10			
		ax Weekly:	379,242	321,656	362,109	0	0		J		
Inch		eek (Max):	2.27	1.91	2.17	0.00	0.00	1			
		(						1			

Prepared By:	Paul F. Ruffini	License No.	.: <b>S 6899</b>
Title:	Agent	Date:	7/10/2017
			•



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY** 

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

FROM

001
OUTFALL NUMBER

Reorting Frequency:

DMR Effective From:

DMR Effective To:

Monthly 07/01/2017 07/31/2017 11/30/2021

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 2017
 07
 01
 TO
 2017
 07
 31

Permit Expires: 11/30/2021
Permit Application Due 06/03/2021
No Discharge? No

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY
TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAMI LE TITE	GAINI LE I REQUENCT
рН	Sample Measurement	***	***	***	7.2	***	7.5	S.U.	Grab	2/month
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	16.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	9.3	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***	1	25.0 Avg Mo	***	***		Grab	1/month
Facility Comments			•	•	•	•	•			•



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: **SWEEDSFORD ROAD, FRAZER PA, 19355** 

STAGE: Influent

1599418
PERMIT NUMBER

516778

OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 07/01/2017

 DMR Effective To:
 07/31/2017

 Permit Expires:
 11/30/2021

 Permit Application Due
 06/03/2021

No

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2017
 07
 01
 TO
 2017
 07
 31

Permit Application Due

No Discharge?

Γ	PARAMETER		QUANTITY OR LOADING QUANTITY OR CONCENTRATION					SAMPLE TYPE	SAMPLE FREQUENCY			
	TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LE TITL	CAUNT LE L'ALGOLINOT	
Γ	Flow	Sample Measurement	.0443	.0555	MGD	***	***	***	***	Recorded	Continuous	
		Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
	Facility Comments											



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

#### **DISCHARGE MONITORING REPORT (DMR)**

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
July 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-08-08T09:47:23-04:00	
July 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-08-08T09:46:32-04:00	

#### **PERMIT VIOLATIONS**

Non Compliance Event Begin Date Event End Date P	Parameter Limit Type	Reported Value Permitted Value	Load Units Sampling Point ID	Cause Of NC	Corrective Action	Comments
ID, and and			1			

#### **UNAUTHORISED DISCHARGES**

I	Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
	ID.				Discharged				J		Discharge		
- 1					Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Avg. Daily Influent Flow = 0.0443 MGD; Influent BOD5 = 235 mg/L; Influent TSS = 164 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Doul Duffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of		AREA CODE	NUMBER	2017	8	8
RUFFINIP	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	7(select number)	Year:	2017
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	olication due 180 da	ays prior to exp	piration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	November 30, 20	021

		Parameter	Flow		CBOD5		TSS	Fe	ecal Coliform		рН						
		Stage	1	_		_		_		_				<u> </u>	,		
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	Sat	7/1/17	0.063														
1	Sun	7/2/17	0.063														
	Mon	7/3/17	0.1006														
$\vdash$	Tue	7/4/17	0.1000								7.2			<del> </del>			
											1.2						
1	Wed	7/5/17	0.09277														<b>———</b>
$\vdash$	Thu	7/6/17	0.09277														
	Fri	7/7/17	0.0577														
	Sat	7/8/17	0.0														
2	Sun	7/9/17	0.0														
	Mon	7/10/17	0.0866		9.3		16.0	<	1.0		7.5						
	Tue	7/11/17	0.0866						-								
	Wed	7/12/17	0.0955														
	Thu	7/13/17	0.0955														
$\vdash$	Fri	7/13/17	0.0955									_		-			<b></b>
	Sat	7/15/17	0.1111														
3	Sun	7/16/17	0.1111														
	Mon	7/17/17	0.1126														
	Tue	7/18/17	0.11187														
	Wed	7/19/17	0.11187														
	Thu	7/20/17	0.11187														
$\vdash$	Fri	7/21/17	0.0594					_						$\vdash$			
$\vdash$		7/21/17	0.0594					_				_		$\vdash$			
<b>⊢</b>	Sat			$\vdash$													
4	Sun	7/23/17	0.0														
	Mon	7/24/17	0.0981														
	Tue	7/25/17	0.10573														
	Wed	7/26/17	0.10573														
	Thu	7/27/17	0.10573														
	Fri	7/28/17	0.0985											<u> </u>			
$\vdash$	Sat	7/29/17	0.1016									$\vdash$		┢			
5	Sun	7/30/17	0.1016									-		-			
$\mathbb{H}$		7/31/17	0.109														
$\vdash$	Mon	1/31/17	0.109					<u> </u>						Ь—			<u> </u>
								-					1,1	-			
Statist	ics for DMR																
	Daily Minimu	ım (Conc.)			9.3		16	<	1		7.2						
	Daily Maxim			$\vdash$	9.3		16	-	1	$\vdash$	7.5	<u> </u>		<del>                                     </del>			<b></b>
	Max Avg Wee			$\vdash$	9.3		16	⊢	'	$\vdash$	7.5	_		$\vdash$			
'					9.3		16							<u> </u>			
	Avg Mon	thly (Conc.):			9.3		סו		-			L		<u> </u>			
	Geometric Me							<	ı								
	Max Avg We		0.096871		7		12										
		nthly (Load):	0.08559		7		12										
		nthly (Load):	2.653295		208		358										
	Daily Minim		0		7		12										i
	Daily Maxim	num (Load):	0.1126		7		12							<u> </u>	1		
								_	l .			_		_		_	

F	Prepared By:	Paul F. Ruffini	License No.:	S6899
7	Γitle:	Agent	Date:	8-Aug-17



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: <b>7</b> (Select number)	Year: <b>2017</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spray
Watershed:	3F-Wissahic	·	This permit will expire on: 30-N	ov-21

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:			Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
	Sat	7/1/17	31,500	0	31,500						
1	Sun	7/2/17	31,500	0	31,500						
	Mon	7/3/17	50,300	0	50,300					90	Dry
	Tue	7/4/17	46,383	0	46,383						•
	Wed	7/5/17	46,383	0	46,383						
	Thu	7/6/17	46,383	0	46,383			0.40	Rain	78	Wet
	Fri	7/7/17	28,850	0	28,850			0.40		76	Wet
	Sat	7/8/17	0	0	0						
2	Sun	7/9/17	0	0	0						
	Mon	7/10/17	43,300	0	43,300					84	Dry
	Tue	7/11/17	43,300	0	43,300					89	Dry
	Wed	7/12/17	47,250	0	47,250						
	Thu	7/13/17	47,250	0	47,250						
	Fri	7/14/17	0	55,650	55,650			0.10	Rain		
	Sat	7/15/17	0	55,550	55,550					77	Wet
3	Sun	7/16/17	0	55,550	55,550						
	Mon	7/17/17	0	56,300	56,300					86	Dry
	Tue	7/18/17	0	55,933	55,933					84	Dry
	Wed	7/19/17	0	55,933	55,933						
	Thu	7/20/17	0	55,933	55,933						
	Fri	7/21/17	29,700	0	29,700						
	Sat	7/22/17	29,700	0	29,700			0.37	Rain	90	Wet
4	Sun	7/23/17	0	0	0			0.40	Rain	90	Wet
	Mon	7/24/17	49,050	0	49,050						
	Tue	7/25/17	52,866	0	52,866			0.40	Rain	82	Wet
	Wed	7/26/17	52,866	0	52,866						
	Thu	7/27/17	52,866	0	52,866						
	Fri	7/28/17	49,250	49,250	0					88	Dry
$\parallel$	Sat	7/29/17	50,800	50,800	0						
5	Sun	7/30/17	50,800	50,800	0						
	Mon	7/31/17	54,500	54,500	0					88	Dry
$\Vdash$											
$\parallel$											
$\parallel$											
$\parallel$											
	Mon	niy Totais:	934,797	596,199	1,120,296			2.07			
		,	·	·	· ·	•		2.07			
Inch	ivia nes/Acre/W	ax Weekly:	307,698 1.84	279,649 1.66	339,049 2.03	0 0.00	0.00				
IIICI	ies/Acre/W	eek (IVIAX):	1.04	1.00	2.03	0.00	0.00	<u>J</u> j			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	8/8/2017



#### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)**

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633** 

FACILITY: **MALVERN HUNT STP** 

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418 PERMIT NUMBER

OUTFALL NUMBER

80

DAY

31

Reorting Frequency: DMR Effective From: DMR Effective To:

Monthly 08/01/2017 08/31/2017 11/30/2021

MONITORING PERIOD YEAR МО DAY YEAR MO 80 FROM 2017 01 TO 2017

Permit Application Due No Discharge?

Permit Expires:

06/03/2021 No

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON	SAMPLE TYPE	SAMPLE FREQUENCY
TAXAWETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAIVII EE I I I E	SAWI LE I REQUERT
рН	Sample Measurement	***	***	***	8.2	***	8.2	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	<17.0	***	***	mg/L	Grab	3/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	7.2	***	***	mg/L	Grab	3/month
	Permit Measurement	***	***	]	25.0 Avg Mo	***	***	]	Grab	1/month
Facility Comments			•		•			•		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

516778

OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 08/01/2017

 DMR Effective To:
 08/31/2017

 Permit Expires:
 11/30/2021

 Permit Application Due
 06/03/2021

 No Discharge?
 No

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2017
 08
 01
 TO
 2017
 08
 31

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LE TITL	CANN LE FREQUENCT	
Flow	Sample Measurement	.04438	.05245	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

### DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Aug 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-09-12T10:58:21-04:00	
Aug 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-09-12T10:59:00-04:00	

#### **PERMIT VIOLATIONS**

Non Compliance Event Begin Date Event End Date P	Parameter Limit Type	Reported Value Permitted Value	Load Units Sampling Point ID	Cause Of NC	Corrective Action	Comments
ID, and and			1			

#### **UNAUTHORISED DISCHARGES**

Ion Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DFP Notified	Comments
 ion compilance	Event Begin Bate	Event Liia Date	Time Discovered		Event Location	1 *************************************	Duration	Receiving waters	impaot on water		DEI Hounca	Comments
ID				Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
<u> </u>				

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow = 0.04438; Influent BOD = 113 mg/L; Influent TSS = 68 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	, , , , ,	Daul Duffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	9	12
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



Parameter

Title:

Agent

Flow

CBOD5

TSS

### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	8 (select number)	Year:	2017
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	olication due 180 d	ays.prior to exp	oiration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	November 30, 2	021

**Fecal Coliform** 

рΗ

Date:

12-Sep-17

		Stage	1														
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		q		Q	
1	Sun	7/30/17	0.1016														
	Mon	7/31/17	0.109														
	Tue	8/1/17	0.109														
	Wed	8/2/17	0.11345													ш	
$\vdash \vdash$	Thu	8/3/17	0.11345													ш	
$\vdash$	Fri	8/4/17	0.11567													$\sqcup$	
	Sat	8/5/17	0.11567													$\vdash$	
2	Sun	8/6/17	0.11567													$\vdash$	
$\vdash$	Mon	8/7/17 8/8/17	0.0	$\vdash$	40.0		44.0	<b>.</b>	4.0		0.0					$\vdash$	
$\vdash$	Tue Wed	8/8/17	0.11317 0.11317		13.2		41.0	<	1.0		8.2					$\vdash$	
$\vdash$	Thu									-						$\vdash$	
$\vdash \vdash \vdash$	Fri	8/10/17 8/11/17	0.11317 0.09475	$\vdash \vdash$				$\vdash$		<del>                                     </del>		<del>                                     </del>		<b>-</b>		$\vdash \vdash$	<del>                                     </del>
$\vdash$	Sat	8/12/17	0.09475													$\vdash$	<del>                                     </del>
3	Sun	8/13/17	0.09475													$\vdash$	<b> </b>
$\vdash$	Mon	8/14/17	0.10597													$\vdash$	
H	Tue	8/15/17	0.10597	$\vdash$												$\vdash$	1
	Wed	8/16/17	0.10597													$\Box$	
	Thu	8/17/17	0.11493		6.1	<	5.0										
	Fri	8/18/17	0.11493													$\Box$	
	Sat	8/19/17	0.11493														
4	Sun	8/20/17	0.11493														
	Mon	8/21/17	0.11865														
	Tue	8/22/17	0.11865														
	Wed	8/23/17	0.1072														
$\sqcup \sqcup$	Thu	8/24/17	0.11185		2.3	<	5.0										
	Fri	8/25/17	0.11185													ш	
	Sat	8/26/17	0.1119 0.1119													Ш	
5	Sun	8/27/17														$\sqcup$	
$\vdash$	Mon Tue	8/28/17 8/29/17	0.06995 0.06995	$\vdash$												$\sqcup$	
	Wed	8/30/17	0.06995													$\vdash$	
$\vdash$	Thu	8/31/17	0.06593	$\vdash$						-						$\vdash$	
	Fri	9/1/17	0.06593					_								$\vdash$	
l l	Sat	9/2/17	0.06593				_										
Statist	ics for DMR																
	Daily Minim	um (Conc.):	7		2.3	<	5	<	1		8.2						
	Daily Maxim	num (Conc):			13.2		41	<	1		8.2					$\vdash \vdash$	
N	Лах Avg We	ekly (Conc.):			13.2		41									$\Box$	
	Avg Mon	thly (Conc.):			7.2	<	17										
	Geometric M							<	1								
	Max Avg We		0.113575		12		39										
		nthly (Load):	0.102536		7	٧	16										
		nthly (Load): num (Load):	3.178624 0		211 2	\ \	498 5										
	Daily Maxin		0.11865		12	`	39									$\sqcup$	
	July Waxiii	(Loau).	V 1003		12		33									ш	
inquiry	of the person	n or persons e significant pe	who manage th	e system mitting fa	m or those person alse information, ir	s direct	tly responsible for g	gatherin	ng the information,	the info	rmation submitted i	s, to th Pa. C.	ne best of my knowl S. § 4904 (relating t	edge a	uate the information and belief, true, acco worn falsification).		
		Tial.		ı au	i i . iXuiiiiil					_		300	<del></del>				



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malveri	n Hunt STP	Month: <b>8</b> (Select number)	Year: 2017	
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray	
Watershed:	3F-Wissahic		This permit will expire on: 30-1	Nov-21	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	<u> </u>		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:		itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
<u></u>											
1	Sun	7/30/17	50,800	50,800	0					87	Dry
	Mon	7/31/17	54,500	54,500	0					89	Dry
	Tue	8/1/17	54,500	54,500	0						
	Wed	8/2/17	56,725	56,725	0			0.10	Rain	88	Damp
	Thu	8/3/17	56,725	56,725	0						
	Fri	8/4/17	0	57,833	57,833						Dry
	Sat	8/5/17	0	57,833	57,833						
2	Sun	8/6/17	0	57,833	57,833						
	Mon	8/7/17	0	0	0			0.70	Rain	65	Wet
	Tue	8/8/17	0	56,583	56,583						
	Wed	8/9/17	0	56,583	56,583						
	Thu	8/10/17	0	56,583	56,583						
	Fri	8/11/17	47,375	0	47,375					65	Dry
	Sat	8/12/17	47,375	0	47,375						
3	Sun	8/13/17	58,800	0	58,800			0.10	Rain	70	Dry
	Mon	8/14/17	52,983	0	52,983					80	Dry
	Tue	8/15/17	52,983	0	52,983						
	Wed	8/16/17	52,983	0	52,983						
	Thu	8/17/17	57,462	0	57,462					90	Dry
	Fri	8/18/17	57,462	57,462	0						
	Sat	8/19/17	57,462	57,462	0						
4	Sun	8/20/17	57,462	57,462	0						
	Mon	8/21/17	59,325	59,325	0					68	Dry
	Tue	8/22/17	59,325	59,325	0			0.40	Rain		
	Wed	8/23/17	53,600	53,600	0			0.30	Rain	77	Damp
	Thu	8/24/17	0	55,925	55,925					75	Dry
	Fri	8/25/17	0	55,925	55,925						
	Sat	8/26/17	0	55,950	55,950					59	Dry
5	Sun	8/27/17	0	55,950	55,950						
	Mon	8/28/17	0	34,975	34,975					70	Dry
	Tue	8/29/17	0	34,975	34,975			0.30	Rain	65	Wet
	Wed	8/30/17	0	36,850	36,850					70	
	Thu	8/31/17	32,963	0	32,963						
	Fri	9/1/17	32,963	0	32,963						
	Sat	9/2/17	32,963	0	32,963						
		nly Totals:	915,510	1,186,384	1,076,722			1.90			
		x Weekly:	390,135	397,512	322,332	0	0		-		
Inch	es/Acre/We	eek (Max):	2.33	2.37	1.93	0.00	0.00	JI			

Prepared By:	Paul F. Ruffini	License No.:	S 6899	
Title:	Agent	Date:	9/12/2017	
			•	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

09

2017

FROM

001
OUTFALL NUMBER

09

DAY

30

Reorting Frequency:
DMR Effective From:
DMR Effective To:

Monthly 09/01/2017 09/30/2017 11/30/2021

MONITORING PERIOD

YEAR MO DAY YEAR MO

TO

2017

01

Permit Application Due No Discharge?

Permit Expires:

11/30/2021 06/03/2021 No

PARAMETER		QUA	NTITY OR LOA	DING	C	UANTITY OR C	ONCENTRATIO	ON	SAMPLE TYPE	SAMPLE FREQUENCY
FARAIVIETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLE TIPE	SAMPLE PREQUENCY
рН	Sample Measurement	***	***	***	8.3	***	8.3	S.U.	Grab	1/month
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	9.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***		Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	4.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments										•



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

МО

09

DAY

01

YEAR

2017

FROM

516778

OUTFALL NUMBER

MO

09

DAY

30

Reorting Frequency: Monthly
DMR Effective From: 09/01/2017

09/30/2017

DMR Effective To:

No Discharge?

Permit Expires: 11/30/2021
Permit Application Due 06/03/2021

06/03/2021 No

**PARAMETERS REPORTED VALUES** 

PARAMETER		QUA	NTITY OR LOAD	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY
I AIVAMETEIX		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWII EE TTT E	OAMI EET REGGENOT
Flow	Sample Measurement	.0424	.0498	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous
Facility Comments			_		_	_	_	_	_	_

MONITORING PERIOD

TO

YEAR

2017



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

#### **DISCHARGE MONITORING REPORT (DMR)**

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Sept 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-10-05T10:54:22-04:00	
Sept 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-10-05T10:55:00-04:00	

#### **PERMIT VIOLATIONS**

Non Compliance Event Begin Date Event End Date P	Parameter Limit Type	Reported Value Permitted Value	Load Units Sampling Point ID	Cause Of NC	Corrective Action	Comments
ID, and and			1			

#### **UNAUTHORISED DISCHARGES**

I	Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
	ID.				Discharged				J		Discharge		
- 1					Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

	Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
--	-------------------	-----------------------------	--------------------	---------------------	----------

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Avg. Daily Influent Flow = 0.0424 MGD; Influent BOD5 = 211 mg/L; Influent TSS = 84 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Doul Duffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	10	5
RUFFINIP		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	9 (select number)	Year:	2017
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon			Renewal app	lication due 180 d	lays.prior to exp	piration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	November 30, 2	021

Labo	Laboratories. <u>1</u>		Environme	Jiiiu.						•	rnis permit v	VIII ()	vpiro orri	1404	ember 30, 202		
Y																	
								l _									
	1	Parameter	Flow		CBOD5		TSS	F∈	cal Coliform		рН	l		ı			
								l									
		Stage	1					l									
Week	Day	Date	MGD			<del>   </del>		<del>                                     </del>	0511400		0.11	<del>  </del>		┝			
week	Day	Date	IVIGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
$\vdash$																	
	Fri	9/1/17	0.06593														
	Sat	9/2/17	0.06593					l									l
1	Sun	9/3/17	0.06593														
	Mon	9/4/17	0.06485														
	Tue	9/5/17	0.06485														
	Wed	9/6/17	0.07535									<b>-</b>					
	Thu																
$\vdash$		9/7/17	0.07535	$\vdash$				$\vdash$				_		├			
	Fri	9/8/17	0.08465														
	Sat	9/9/17	0.08465														
2	Sun	9/10/17	0.0967														
	Mon	9/11/17	0.08203		4.0		9.0	l			8.3						l
	Tue	9/12/17	0.08203					<	1.0								
	Wed	9/13/17	0.08203														
	Thu	9/14/17	0.08203											l			
$\vdash$	Fri	9/15/17	0.00	$\vdash$										$\vdash$			
$\vdash$	Sat	9/16/17												-			
			0.0														
3	Sun	9/17/17	0.0														
$\perp$	Mon	9/18/17	0.0														
	Tue	9/19/17	0.0														
	Wed	9/20/17	0.0														l
	Thu	9/21/17	0.0														
	Fri	9/22/17	0.0														
	Sat	9/23/17	0.0											$\vdash$			
4	Sun	9/24/17	0.0											<del>                                     </del>			
$\vdash$	Mon	9/25/17	0.0					$\vdash$				_		-			
$\vdash$	Tue	9/26/17	0.0														
	Wed	9/27/17	0.0														
	Thu	9/28/17	0.0														
	Fri	9/29/17	0.0														
	Sat	9/30/17	0.0														
5																	
														<b> </b>			
														<del>                                     </del>			
$\vdash$								$\vdash$						<del> </del>		$\vdash$	
$\vdash$				$\vdash$		$\vdash$		$\vdash$		-		_		├		$\vdash$	
$\vdash$				$\vdash$				$\vdash$				<u> </u>		Ь—		<u> </u>	
	an for DMP		<u> </u>			-	-				- 1	3 - 0				10-5	
Statist	ics for DMR																
	Daily Minimu		-		4		9	<	1		8.3						
	Daily Maxim				4		9	<	1		8.3						
1	Max Avg Wee				4		9										
	Avg Mon	thly (Conc.):			4		9										
(	Geometric Me	ean (Conc.):						<	1								
	Max Avg We	ekly (Load):	0.073661	$\vdash$	3		6							$\vdash$			
		nthly (Load):	0.035743		3		6							<b>-</b>			
		nthly (Load):	1.072275	$\vdash$	82		185	$\vdash$		$\vdash$		<del>                                     </del>		$\vdash$		$\vdash$	
	Daily Minim	num (Load):	0		3		6	$\vdash$						<u> </u>			
			0.0967	$\vdash$	3		6	$\vdash$						<u> </u>		<u> </u>	
	Daily Maximum (Load):		0.0007				ŭ							<u> </u>		i .	

Prepared	By: Paul F. Ruffini		No.: <b>S6899</b>
Title:	Agent	Date:	5-Oct-17



#### **SUPPLEMENTAL REPORT** LAND APPLICATION SYSTEMS

Facility Name:	Malverr	n Hunt STP	Month: 9 (Select number)	Year: 2017
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spray
Watershed:	3F-Wissahic		This permit will expire on:	<del></del>

			·								
			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:			Average	
	Davi	Data	Acres: 6.16  Gallons	Acres: 6.19  Gallons	Acres: 6.15  Gallons	Acres: Gallons	Acres: Gallons		itation	Temp °F	Ground Conditions
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	7	Ground Conditions
	F.:	9/1/17	22.002	0	22.002						
$\blacksquare$	Fri Sat	9/1/17	32,963 32,963	0	32,963 32,963						
	Sun	9/3/17	32,963	0	32,963						
<b>⊩</b> ' ⊢	Mon	9/4/17	32,425	0	32,425					81	Dry
	Tue	9/4/17	32,425	0	32,425			0.40	Rain	65	Wet
	Wed	9/6/17	37,675	0	37,675			0.40	INaiii	65	Dry
$\vdash$	Thu	9/7/17	0	37,675	37,675					72	Dry
	Fri	9/8/17	0	42,325	42,325					72	Diy
	Sat	9/9/17	0	42,325	42,325					12	
2	Sun	9/10/17	0	48,350	48,350						
<b>  </b>	Mon	9/11/17	0	41,013	41,013					76	Dry
$\vdash$	Tue	9/12/17	0	41,013	41,013						
<b>⊩</b>	Wed	9/13/17	0	41,013	41,013			1	-	1	
	Thu	9/14/17	0	41,013	41,013						
	Fri	9/15/17	0	0	0					78	Dry
	Sat	9/16/17	0	0	0					70	- Diy
3	Sun	9/17/17	0	0	0						
	Mon	9/18/17	0	0	0						
	Tue	9/19/17	0	0	0						
	Wed	9/20/17	0	0	0						
	Thu	9/21/17	0	0	0						
	Fri	9/22/17	0	0	0						
	Sat	9/23/17	0	0	0						
4	Sun	9/24/17	0	0	0						
	Mon	9/25/17	0	0	0						
	Tue	9/26/17	0	0	0						
	Wed	9/27/17	0	0	0					87	Dry
	Thu	9/28/17	0	0	0					73	Dry
	Fri	9/29/17	0	0	0					70	Dry
	Sat	9/30/17	0	0	0						·
5											
		thly Totals:	201,414	334,/2/	536,141			0.40			
	Ma	ax Weekly:	135,488	212,402	257,813	0	0		_		
Inch	Inches/Acre/Week (Max		0.81	1.26	1.54	0.00	0.00	]			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	10/5/2017
			•



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

001
OUTFALL NUMBER

No Discharge?

 Reorting Frequency:
 Monthly

 DMR Effective From:
 10/01/2017

 DMR Effective To:
 10/31/2017

 Permit Expires:
 11/30/2021

 Permit Application Due
 06/03/2021

No

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2017
 10
 01
 TO
 2017
 10
 31

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON	SAMPLE TYPE	SAMPLE FREQUENCY
FARAIVILTER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLE TIFE	SAMPLE PREQUENCY
рН	Sample Measurement	***	***	***	7.9	***	7.9	S.U.	Grab	1/month
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX	]	Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	<5.0	***	***	mg/L	Grab	1/month
	Permit Measurement	***	***		30.0 Avg Mo	***	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month
	Permit Measurement	***	***		***	200 Geo Mean	***	]	Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	2.4	***	***	mg/L	Grab	1/month
73	Permit Measurement	***	***	]	25.0 Avg Mo	***	***	] [	Grab	1/month
Facility Comments			•	-	•					-



#### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)**

NAME: EAST WHITELAND TWP CHESTER CNTY ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633** 

FACILITY: **MALVERN HUNT STP** 

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418 PERMIT NUMBER

516778 OUTFALL NUMBER

Reorting Frequency: Monthly DMR Effective From: 10/01/2017 DMR Effective To: 10/31/2017 Permit Expires: 11/30/2021 Permit Application Due 06/03/2021 No

MONITORING PERIOD МО DAY YEAR MO DAY YEAR 10 FROM 2017 01 TO 2017 10 31

No Discharge?

PARAMETER		QUA	NTITY OR LOAD	DING	QI	JANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LE TITL	SAMI EL I REQUENOT	
Flow	Sample Measurement	.0436	.0594	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Oct 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-11-06T10:11:42-05:00	
Oct 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-11-06T10:12:23-05:00	

#### PERMIT VIOLATIONS

Г	Non Compliance	Event Begin Date	Parameter	Limit Type	Reported Value	Permitted Value	Sampling Point ID	Cause Of NC	Corrective Action	Comments
	ID <sup>*</sup>	•		1	l '		' '			

#### **UNAUTHORISED DISCHARGES**

I	Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
	ID.				Discharged				J		Discharge		
- 1					Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

	Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
--	-------------------	-----------------------------	--------------------	---------------------	----------

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Influent Flow = 0.0436 MGD; Influent BOD5 = 113 mg/L; Influent TSS = 88 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	, , , , ,	Daul Duffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	11	6
RUFFINIP	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).		AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	10_(select number)	Year:	2017
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	plication due 180 d	ays prior to exp	oiration.
Laboratories:	ALS Environmental			This permit	will expire on:	November 30, 2	021

Labo	ratories:	ALS	Environme	HILAI						•	This permit v	VIII E	cpire on.	NOVE	ember 30, 202 <sup>,</sup>		
	ı	Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1	-	_	+	_	_		-		-		-		_	
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
$\perp$																	
1	Sun	10/1/17	0.0														
	Mon	10/2/17	0.05698														
	Tue	10/3/17	0.05698														
	Wed	10/4/17	0.05698														
	Thu	10/5/17	0.05698														
	Fri	10/6/17	0.05667											t			
	Sat	10/7/17	0.05667		2.4	<	5.0										
2	Sun	10/8/17	0.05667		2.1	<u> </u>	0.0										
<b> </b>	Mon	10/9/17	0.03007								7.9			┢			
$\vdash$	Tue	10/10/17	0.0718					<	1.0		1.5			$\vdash$			
$\blacksquare$	Wed	10/10/17	0.0718					_ `	1.0					-			
$\vdash$	Thu													-			
$\vdash$	Fri	10/12/17 10/13/17	0.0503 0.0											-			
<b>I</b>	Sat	10/14/17	0.0											-			
3	Sun	10/15/17	0.0									_		<u> </u>			
	Mon	10/16/17	0.0											_			
	Tue	10/17/17	0.0														
	Wed	10/18/17	0.0657														
	Thu	10/19/17	0.0657														
	Fri	10/20/17	0.066														
	Sat	10/21/17	0.066														
4	Sun	10/22/17	0.066														
	Mon	10/23/17	0.06595														
	Tue	10/24/17	0.06595														
	Wed	10/25/17	0.06598														
	Thu	10/26/17	0.06598														
	Fri	10/27/17	0.06598														
	Sat	10/28/17	0.06598														
5	Sun	10/29/17	0.0											t -			
	Mon	10/30/17	0.06598											<b>†</b>			
$\parallel$	Tue	10/31/17	0.04915											t			
$\vdash$				$\vdash$		$\vdash$						$\vdash$		$\vdash$			
$\vdash$														$\vdash$			
$\vdash$														1			
							_						_	<u> </u>			
Statist	ics for DMR			_		4		_						_			
,	Daily Minimu	ım (Conc.):			2.4	<	5	<	1		7.9						
	Daily Maxim				2.4	<	5	~	1		7.9	<u> </u>		<del>                                     </del>			
	Max Avg Wee			$\vdash$	2.4	~	5	⊢`	•	$\vdash$	1.3	<del>                                     </del>		$\vdash$			
'		thly (Conc.):			2.4	<	5					_		-			
	Geometric Me			$\vdash$		$\vdash$		<	1	$\vdash$		<del>                                     </del>		$\vdash$			
	Max Avg We		0.065974		1	<	2	<u> </u>	•			$\vdash$		$\vdash$			
		nthly (Load):	0.047821		1	~	2					_		├			
		nthly (Load):	1.482448	$\vdash$	35	-	73	_				-					
	Daily Minim		0		1	~	2					_		-			
	Daily Maxim		0.0718	$\vdash$	· ·	-	2	<b>—</b>		$\vdash$		<u> </u>					
	Jan, MaxIII	(=544).	5.57.10		·	_`_	_										

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	6-Nov-17



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malveri	n Hunt STP	Month: 10 (Select number)	Year:	2017
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall:	Spray
Watershed:	3F-Wissahic	•	This permit will expire on: 30-No	<b>√-21</b>	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:			Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
$\sqcup$											
1	Sun	10/1/17	0	0	0						
	Mon	10/2/17	28,488	28,488	0					78	Dry
	Tue	10/3/17	28,488	28,488	0						
	Wed	10/4/17	28,488	28,488	0					75	Dry
	Thu	10/5/17	28,488	28,488	0					00	D
$\blacksquare$	Fri	10/6/17	28,333	28,333	0					80	Dry
	Sat	10/7/17	28,333	28,333	0						
2	Sun	10/8/17 10/9/17	28,333	28,333	0			0.40	Dain	00	Wat
<b>⊩</b>	Mon Tue	10/9/17	35,900 35,900	0	35,900 35,900			0.40	Rain	80	Wet
		10/10/17	25,150							75	D
	Wed	10/11/17	25,150	0	25,150					75	Dry
$\vdash$	Thu Fri	10/12/17	25,150	0	25,150 0					63	Dn/
$\vdash$	Sat	10/13/17	0	0	0					03	Dry
3	Sun	10/14/17	0	0	0						
$\parallel$	Mon	10/15/17	0	0	0						
$\vdash$	Tue	10/10/17	0	0	0						
$\vdash$	Wed	10/17/17	32,850	32,850	0					73	Dry
$\vdash$	Thu	10/10/17	32,850	32,850	0					7.5	Diy
$\vdash$	Fri	10/19/17	33,000	33,000	0					74	Dry
$\vdash$	Sat	10/20/17	33,000	33,000	0					68	Dry
4	Sun	10/21/17	33,000	33,000	0					00	- Diy
₩-	Mon	10/22/17	32,975	32,975	0					73	Dry
$\vdash$	Tue	10/24/17	32,975	32,975	0					, 0	
	Wed	10/24/17	0	32,990	32,990					58	Dry
$\vdash$	Thu	10/26/17	0	32,990	32,990						51,
$\parallel$	Fri	10/27/17	0	32,990	32,990						
$\parallel \rightarrow \parallel$	Sat	10/27/17	0	32,990	32,990						
5	Sun	10/20/17	0	0	0		1	1.00	Rain		Wet
<b> </b>	Mon	10/29/17	0	32,990	32,990		1	0.40	Rain	54	Wet
$\vdash$	Tue	10/30/17	0	24,575	24,575			0.40	Italii	52	Dry
$\parallel$			ı	2.,5.0	2.,5.0		1				
$\vdash$											
$\vdash$								-			
$\parallel$											
	Mon	niy Totais:	551,701	619,126	311,625		1	1.80			
		x Weekly:	170,618	230,910	131,960	0	0		J		
Inch	nes/Acre/W		1.02	1.37	0.79	0.00	0.00	1			

Prepared By:	Paul F. Ruffini	License No.:	S 6899	
Title:	Agent	Date:	11/6/2017	
	·			



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

МО

11

DAY

01

YEAR

2017

FROM

001
OUTFALL NUMBER

MO

11

DAY

30

DMR Effective From:
DMR Effective To:
Permit Expires:
Permit Application Due
No Discharge?

Reorting Frequency:

Monthly
11/01/2017
11/30/2017
11/30/2021
06/03/2021
No

#### **PARAMETERS REPORTED VALUES**

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	NO	SAMPLE TYPE	SAMPLE FREQUENCY	
TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAMI LE TITE	CANN EL PREGGENOT	
рН	Sample Measurement	***	***	***	7.8	***	7.8	S.U.	Grab	1/month	
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX	] [	Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	<5.0	***	***	mg/L	Grab	1/month	
	Permit Measurement	***	***		30.0 Avg Mo	***	***	] [	Grab	1/month	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***	1	***	200 Geo Mean	***	] [	Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	2.7	***	***	mg/L	Grab	1/month	
	Permit Measurement	***	***	1	25.0 Avg Mo	***	***	] [	Grab	1/month	
Facility Comments			•	-	•						

MONITORING PERIOD

TO

YEAR

2017



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

516778

OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 11/01/2017

 DMR Effective To:
 11/30/2017

 Permit Expires:
 11/30/2021

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2017
 11
 01
 TO
 2017
 11
 30

Permit Application Due 06/03/20
No Discharge? No

06/03/2021 No

PARAMETER		QUA	NTITY OR LOAD	QUANTITY OR LOADING QUANTITY OR CONCENTRATION						SAMPLE FREQUENCY	
TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLE TYPE	5/11/11 EE 1 1/12 Q 52 1/10 1	
Flow	Sample Measurement	.0429	.0496	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments	aw Influent Data: Average Daily Influent Flow = 0.0429 MGD; Influent BOD5 = 238 mg/L; Influent TSS = 212 mg/L.										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Nov 2017 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2017-12-11T11:00:17-05:00	
Nov 2017 Land App Supp Form.pdf	Land Application Systems Form	2017-12-11T11:00:52-05:00	

#### **PERMIT VIOLATIONS**

Non Compliance	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
ID.											

#### **UNAUTHORISED DISCHARGES**

I	Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
	ID.				Discharged				J		Discharge		
- 1					Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

	Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
--	-------------------	-----------------------------	--------------------	---------------------	----------

#### **COMMENTS DETAILS**

Γ	Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Raw Influent Data: Average Daily Influent Flow = 0.0429 MGD; Influent BOD5 = 238 mg/L; Influent TSS = 212 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER		Doul Duffini	TELEPHO	NE		DATE	
SUEEDING.	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2017	12	11
	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



Prepared By: Paul F. Ruffini

Agent

Title:

### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	11 (select number)	Year:	2017
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal ap	plication due 180 c	lays prior to exp	oiration.
Laboratories:	ALS Environmental			This permit	will expire on:	November 30, 2	021

		Parameter	Flow		CBOD5		TSS	Fe	ecal Coliform		pН					
Week	Day	Stage Date	1 MGD	Q	mg/L	Q		Q	CFU/100 ml	Q	S.U.	Q	Q	ı	Q	
week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CF0/100 mi	Q	5.0.	Q	Q		Q	
1	Sun	10/29/17	0.0													
	Mon	10/30/17	0.06598													
	Tue	10/31/17	0.04915													
	Wed	11/1/17	0.04915													
$ldsymbol{\sqcup}$	Thu	11/2/17	0.05018													
	Fri	11/3/17	0.05018													
	Sat	11/4/17	0.05018													
2	Sun	11/5/17	0.05018													
$\vdash \vdash$	Mon	11/6/17	0.0502													
$\vdash$	Tue Wed	11/7/17 11/8/17	0.05002 0.05002			1							-		-	
$\vdash$	Thu	11/9/17	0.05002													
⊩⊣	Fri	11/9/17	0.05002													
$\parallel$	Sat	11/11/17	0.05002													
3	Sun	11/11/17	0.05002		1		1									1
H	Mon	11/13/17	0.04637		2.7	<	5.0	<	1.0		7.8					
	Tue	11/14/17	0.04637				0.0	Ė	1.0							
	Wed	11/15/17	0.04637													
	Thu	11/16/17	0.05003													
	Fri	11/17/17	0.05003													
	Sat	11/18/17	0.05003													
4	Sun	11/19/17	0.04993													
	Mon	11/20/17	0.04993													
	Tue	11/21/17	0.04993													
	Wed	11/22/17	0.0499													
$\square$	Thu	11/23/17	0.05314													
	Fri	11/24/17	0.05314													
<u>-</u>	Sat Sun	11/25/17 11/26/17	0.05314 0.05314													
5	Mon	11/26/17	0.05314													
$\vdash$	Tue	11/27/17	0.05314													
$\vdash$	Wed	11/29/17	0.05314													
	Thu	11/29/17	0.05314													
$\parallel$	Fri	12/1/17	0.0										$\vdash$		<del> </del>	
<b> </b>	Sat	12/2/17	0.0		ri e		-			-			 			
Statist	ics for DMR															
	Daily Minim	um (Conc.):			2.7	<	5	<	1		7.8		-			
	Daily Maxin	num (Conc):			2.7	<	5	<	1		7.8					
N		ekly (Conc.):			2.7	<	5									
		nthly (Conc.):			2.7	<	5									
		ean (Conc.):	0.05+00					<	1							
		eekly (Load):	0.051304 0.048701		1	<	2									
		nthly (Load): nthly (Load):	0.048701 1.461036		1 31	< <	58								<u> </u>	
		num (Load):	0		1	~	2									
	-	num (Load):	0.053142		<u> </u>	-	2								-	
		` ′				<u> </u>								I		
inquiry	of the perso	n or persons	who manage th	e syste	m or those persor	s direct	ly responsible for g	gatherin	g the information, t	the info	rmation submitted i	s, to th	edge a	uate the information and belief, true, accivorn falsification).		

License No.: S6899

11-Dec-17

Date:



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malverr	Hunt STP	Month: 11 (Select number)	Year: 2017
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahic		This permit will expire on: 30-	Nov-21

		I	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:		A		
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
				i e				†	7.		
1	Sun	10/29/17	0	0	0						
	Mon	10/30/17	0	32,990	32,990						
	Tue	10/31/17	0	24,575	24,575						
	Wed	11/1/17	24,575	0	24,575						
	Thu	11/2/17	25,087	0	25,087					75	Dry
	Fri	11/3/17	25,087	0	25,087						
	Sat	11/4/17	25,087	0	25,087						
2	Sun	11/5/17	25,087	0	25,087						
	Mon	11/6/17	25,100	0	25,100 25,008					65	Dry
	Tue	1 11 1		25,008 0						50	Dry
	Wed	11/8/17	0	25,008	25,008						
	Thu	11/9/17	0	25,008	25,008						
	Fri	11/10/17	0	25,008	25,008						
	Sat	11/11/17	0	25,008	25,008						
3	Sun	11/12/17	0	25,008	25,008 23,183						
	Mon	11/13/17		0 23,183							
	Tue	11/14/17	0	23,183	23,183						
	Wed	11/15/17	0	23,183	23,183						
	Thu	11/16/17	25,016	25,016	0					58	Dry
	Fri	11/17/17	25,016	25,016	0						
	Sat	11/18/17	25,016	25,016	0						
4	Sun	11/19/17	24,966	24,966	0						
	Mon	11/20/17	24,966	24,966	0						
	Tue	11/21/17	24,966	24,966	0						
	Wed	11/22/17	24,950	24,950	0			0.10	Rain	53	Dry
	Thu	11/23/17	26,571	0	26,571					29	Dry
	Fri	11/24/17	26,571	0	26,571						
	Sat	11/25/17	26,571	0	26,571						
5	Sun	11/26/17	26,571	0	26,571						
	Mon	11/27/17	26,571	0	26,571						
	Tue	11/28/17	26,571	0	26,571						
	Wed	11/29/17	26,571	0	26,571					50	
	Thu	11/30/17	0	0	0					50	Dry
	Fri	12/1/17	0	0	0						
	Sat	12/2/17	0	0	0						
		nly Totals:	535,924	369,485	555,617			0.10			
ا- ما		x Weekly:	179,561	169,605	175,227	0	0				
inch	nes/Acre/W	eek (IVIax):	1.07	1.01	1.05	0.00	0.00	]			

Prepared By:	Paul F. Ruffini	License No	.:	S 6899
Title:	Agent	Date:	12/11/2017	
	·			



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

МО

12

YEAR

2017

FROM

DAY

01

001
OUTFALL NUMBER

MO

12

DAY

31

Reorting Frequency:

DMR Effective From:

Monthly 12/01/2017

DMR Effective To:

12/31/2017

Yes

Permit Expires:
Permit Application Due
No Discharge?

11/30/2021 06/03/2021

PARAMETERS REPORTED VALUES

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIC	N	SAMPLE TYPE	SAMPLE FREQUENCY
LANAMETEN		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAMI LE TITE	SAWI LETREQUENCT
рН	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		30.0 Avg Mo	***	***	Ī	Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***	Ī	Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***		25.0 Avg Mo	***	***		Grab	1/month
Facility Comments			•	•	•					•

MONITORING PERIOD

TO

YEAR

2017



#### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER**

**DISCHARGE MONITORING REPORT (DMR)** 

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633** 

FACILITY: **MALVERN HUNT STP** 

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418 PERMIT NUMBER

МО

12

YEAR

2017

FROM

DAY

01

516778 OUTFALL NUMBER

MO

12

DAY

31

Reorting Frequency: DMR Effective From: DMR Effective To:

Monthly 12/01/2017 12/31/2017

Permit Expires:

No

Permit Application Due No Discharge?

11/30/2021 06/03/2021

PARAMETERS REPORTED VALUES											
PARAMETER		QUA	QUANTITY OR LOAD		QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY	
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITE	SAWI EL FREGUENOT	
Flow	Sample Measurement	.0456	.0544	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											

MONITORING PERIOD

TO

YEAR

2017



### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

	Fi	le Name			Attachm	ent Type	l	Jploaded Time				t Comment		
PERMIT VIOLA	ERMIT VIOLATIONS													
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Val	ue Permitted Value	Load Units	Sampling Point ID	Cause Of N	С	Correct	ive Action	Comments	
UNAUTHORIS	UNAUTHORISED DISCHARGES													
Non Compliance ID	Event Begin Date	Event End Date	Time Discover		stance charged	Event Location	Volume	Duration	Receiving Waters	Impact On Wate	ter Cause Of Discharge	DEP Notified	Comments	
OTHER PERM	OTHER PERMIT VIOLATIONS													
Non Complian	Non Compliance ID Stage Code (Sampling Point) Reported Parameter Non Compliance Type Comments									Comments				

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent data: Average Daily Influent Flow = 0.0456 MGD; Influent BOD5 = 238 mg/L; Influent TSS = 87 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

#### SUBMISSION INFORMATION

SUBMISSION INFORM	IATION						
SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2018	1	9
RUFFINIP	the person or persons who manage the system or those persons directly responsible for gathering the information, the	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

PERMIT NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2018
 01
 01
 TO
 2018
 01
 31

OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 01/01/2018

 DMR Effective To:
 01/31/2018

 Permit Expires:
 11/30/2021

 Permit Application Due
 06/03/2021

 No Discharge?
 Yes

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON	SAMPLE TYPE	SAMPLE FREQUENCY
TAKAMETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITL	SAMI LE I NEQUENCI
pH	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***	]	***	30.0 Avg Mo	***		Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***	]	Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***	]	***	25.0 Avg Mo	***	]	Grab	1/month
Facility Comments			•	-	•					-



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

FROM

516778

OUTFALL NUMBER

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 2018
 01
 01
 TO
 2018
 01
 31

Reorting Frequency: Monthly

DMR Effective From:
DMR Effective To:

Permit Expires:
Permit Application Due

No Discharge?

No

Monthly
01/01/2018
01/31/2018
11/30/2021
06/03/2021

PARAMETER		QUANTITY OR LOADING QUANTITY OR CONCENTRATION						SAMPLE TYPE	SAMPLE FREQUENCY		
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWII EE TTT E	S, WII EE I REQUEROT	
Flow	Sample Measurement	.0453	.0565	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments	Influent BOD5 = 207 mg/L; Influ	nt BOD5 = 207 mg/L; Influent TSS = 220 mg/L.									



#### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER**

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

		File Name			Attachment Type		Uploaded Time		Attachment Comment				
ERMIT VIOLA	ATIONS												
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type R	Reported Value Permitted \	/alue Load Units	Sampling Point ID	Cause Of N	С	Correct	ive Action	Comments	
NAUTHORISI	ED DISCHARGI	ES											
Ion Compliance ID	Event Begin Date	Event End Date	Time Discovere	d Substand Discharg		Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments	
THER PERMI	IT VIOLATIONS	· · · · · · · · · · · · · · · · · · ·											
Non Compliance ID Stage Code (Sampling Point)					oorted Parameter	Nor	Non Compliance Type			Comments			

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Influent Daily Flow = 0.0453; Influent BOD5 = 207 mg/L; Influent TSS = 220 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORM	IATION						
SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2018	2	8
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

МО

02

YEAR

2018

FROM

DAY

01

001
OUTFALL NUMBER

MO

02

DAY

28

DMR Effective From:
DMR Effective To:
Permit Expires:
Permit Application Due
No Discharge?

Reorting Frequency:

Monthly
02/01/2018
02/28/2018
11/30/2021
06/03/2021
Yes

#### **PARAMETERS REPORTED VALUES**

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON	SAMPLE TYPE	SAMPLE FREQUENCY
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LL III L	SAIWI LE I REQUENCT
рН	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX		Grab	1/month
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***	]	***	30.0 Avg Mo	***	]	Grab	1/month
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Measurement	***	***		***	200 Geo Mean	***	]	Grab	1/month
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Measurement	***	***	1	***	25.0 Avg Mo	***	]	Grab	1/month
Facility Comments			•	-	•					

MONITORING PERIOD

TO

YEAR

2018



#### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)**

NAME: EAST WHITELAND TWP CHESTER CNTY ADDRESS: **209 CONESTOGA RD, FRAZER PA, 19355-1633** FACILITY: **MALVERN HUNT STP** LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418 PERMIT NUMBER

МО

02

YEAR

2018

FROM

DAY

01

516778 OUTFALL NUMBER

MO

02

28

Permit Expires: Permit Application Due DAY No Discharge?

Reorting Frequency:

DMR Effective From:

DMR Effective To:

Monthly 02/01/2018 02/28/2018 11/30/2021 06/03/2021 No

#### **PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING QUANTITY OR CONCENTRATION						N	SAMPLE TYPE	SAMPLE FREQUENCY	
TAKAMETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWII EE TTT E	SAIVII LE I REQUERCT	
Flow	Sample Measurement	.0486	.0638	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											

MONITORING PERIOD

TO

YEAR

2018



### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

		File Name			Attachment Type			Jploaded Time		Attachment Comment				
PERMIT VIOLA	ATIONS													
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of N	c	Correct	tive Action	Comments	
UNAUTHORIS	ED DISCHARGI	ES .								-				
Non Compliance ID	Event Begin Date	Event End Date	Time Discove		bstance charged	Event Location	Volume	Duration	Receiving Waters	Impact On Wate	Cause Of Discharge	DEP Notified	Comments	
OTHER PERM	OTHER PERMIT VIOLATIONS													
Non Complian	nce ID	Stage Code (Sa	ampling Point)		Reported Parameter			Non Compliance Type			Comments			

#### **COMMENTS DETAILS**

ſ	Comment	Operator Name	Operator Certification Number	Operator Contact Number
Γ	Raw Influent Data: Average Daily Influent Flow = 0.0486 MGD; Influent BOD5 = 128 mg/L; Influent TSS = 116 mg/L.	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORM	IATION						
SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a	Paul Ruffini	TELEPHO	NE		DATE	
	system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2018	3	7
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	2018 YEAR	МО	DAY



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

МО

03

YEAR

2018

FROM

DAY

01

001
OUTFALL NUMBER

MO

03

DAY

31

DMR Effective From:
DMR Effective To:
Permit Expires:
Permit Application Due

No Discharge?

Reorting Frequency:

Monthly
03/01/2018
03/31/2018
11/30/2021
06/03/2021
Yes

#### **PARAMETERS REPORTED VALUES**

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIC	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TAKAMETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITE	OAWI LE I NEQUENOT	
рН	Sample Measurement	***	***	***	***	***	***	S.U.			
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX		Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	***	***	mg/L			
	Permit Measurement	***	***		***	30.0 Avg Mo	***		Grab	1/month	
Fecal Coliform	Sample Measurement	***	***	***	***	***	***	CFU/100 ml			
	Permit Measurement	***	***	1	***	200 Geo Mean	***		Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	***	***	mg/L			
	Permit Measurement	***	***	1	***	25.0 Avg Mo	***		Grab	1/month	
Facility Comments		•	•		•	•	•			•	

MONITORING PERIOD

TO

YEAR

2018



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: **EAST WHITELAND TWP CHESTER CNTY** 

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

03

01

2018

FROM

516778

OUTFALL NUMBER

03

31

Reorting Frequency:

DMR Effective From:

Permit Application Due

Monthly 03/01/2018 03/31/2018

DM

DMR Effective To:
Permit Expires:

11/30/2021

MONITORING PERIOD

YEAR MO DAY YEAR MO DAY

TO

2018

No Discharge?

06/03/2021 No

PARAMETER		QUA	ANTITY OR LOAD	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
TAVAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LE TITL		
Flow	Sample Measurement	.0459	.0714	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											



### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

#### **DISCHARGE MONITORING REPORT (DMR)**

#### ATTACHMENT DETAILS

File Name					Attachment Type Uplo					Attachment Comment					
PERMIT VIOLA	TIONS														
Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of N	C	Correc	tive Action	Comments		
JNAUTHORISE	ED DISCHARGE	 :S			•			1		•					
Non Compliance ID	Event Begin Date	Event End Date	Time Discove		stance E	ent Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments		
OTHER PERMI	T VIOLATIONS			•											
Non Compliano	ce ID	Stage Code (Sa	mpling Point)		Reported Parameter			Non Compliance Type			Comments				

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Influent Flow = 0.0459 MGD; Influent BOD5 = 299 mg/L; Influent TSS = 172 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMISSION INFORM	IATION						
SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a	Paul Ruffini	TELEPHO	NE		DATE	
	system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2018	4	5
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

МО

04

DAY

01

YEAR

2018

FROM

001
OUTFALL NUMBER

MO

04

DAY

30

Reorting Frequency:
DMR Effective From:
DMR Effective To:
Permit Expires:
Permit Application Due

No Discharge?

Monthly
04/01/2018
04/30/2018
11/30/2021
06/03/2021
No

**PARAMETERS REPORTED VALUES** 

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON	SAMPLE TYPE	SAMPLE FREQUENCY	
FARAWETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAWIFLE TIFE	SAIVIF LE PREQUENCT	
рН	Sample Measurement	***	***	***	8.5	***	8.5	S.U.	Grab	1/month	
	Permit Measurement	***	***		6.0 Inst Min	***	9.0 IMAX	1 [	Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	12.0	***	mg/L	Grab	1/month	
	Permit Measurement	***	***		***	30.0 Avg Mo	***	1 [	Grab	1/month	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***	]	***	200 Geo Mean	***	1 [	Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	2.6	***	mg/L	Grab	1/month	
	Permit Measurement	***	***	1	***	25.0 Avg Mo	***	1	Grab	1/month	
Facility Comments				•						,	

MONITORING PERIOD

TO

YEAR

2018



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

516778

OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 04/01/2018

 DMR Effective To:
 04/30/2018

 Permit Expires:
 11/30/2021

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2018
 04
 01
 TO
 2018
 04
 30

 DMR Effective To:
 04/30/2018

 Permit Expires:
 11/30/2021

 Permit Application Due
 06/03/2021

 No Discharge?
 No

Γ	PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLE TYPE	SAMPLE FREQUENCY	
	TANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LE TITL	CANN LET REQUERTO	
Γ	Flow	Sample Measurement	.0460	.0591	MGD	***	***	***	***	Recorded	Continuous	
		Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
	Facility Comments											



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Apr 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-05-14T09:29:04-04:00	
Apr 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-05-14T09:30:02-04:00	

#### **PERMIT VIOLATIONS**

Commonte
Comments

#### **UNAUTHORISED DISCHARGES**

I	Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
	ID.				Discharged				J		Discharge		
- 1					Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average daily influent flow = 0.0460 MGD; Influent BOD5 = 389 mg/L; Influent TSS = 260 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMITTED BY GREENPORT USER	, , , , ,	Daul Duffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2018	5	14
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month: 4	(select number)	Year:	2018
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.: 1	599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal applic	cation due 180 da	ys.prior to exp	oiration.
Laboratories:	ALS Environmental			This permit will	expire on: N	lovember 30, 20	021

Labo	ratories:	ALS	Environme	entai						-	This permit v	viii ex	cpire on:	NOV	<u>ember 30, 202</u>	l	
		Parameter	Flow		CBOD5		TSS	Fe	ecal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
					,		<i>y</i>										
														1			
														1			
1	Sun	4/1/18	0.05415											+			
<b>-</b>	Mon	4/1/18	0.05415											+			
$\vdash$	Tue	4/3/18	0.06055											+			
$\vdash$	Wed	4/4/18												-			
			0.06055											-			
$\vdash$	Thu	4/5/18	0.06187					_						+			
$\vdash$	Fri	4/6/18	0.06187														
	Sat	4/7/18	0.06187														
2	Sun	4/8/18	0.0712								8.5						
	Mon	4/9/18	0.06487		2.6		12.0										
	Tue	4/10/18	0.06487					<	1.0								
	Wed	4/11/18	0.06487														
	Thu	4/12/18	0.06513														
	Fri	4/13/18	0.06513														
	Sat	4/14/18	0.06513														
3	Sun	4/15/18	0.0648														
	Mon	4/16/18	0.0											1			
	Tue	4/17/18	0.06225											+			
	Wed	4/18/18	0.06225														
	Thu	4/19/18	0.06223											_			
$\vdash$	Fri	4/20/18	0.06947											-			
$\vdash$	Sat							_						+			
$\vdash$		4/21/18	0.06947 0.06255														
4	Sun	4/22/18												_			
$\vdash$	Mon	4/23/18	0.06255														
	Tue	4/24/18	0.06255														
	Wed	4/25/18	0.06255														
	Thu	4/26/18	0.06057														
	Fri	4/27/18	0.06057														
	Sat	4/28/18	0.06057														
5	Sun	4/29/18	0.06787														
	Mon	4/30/18	0.06787														
														$\top$			
Statist	ics for DMR																
	Daily Minim		7-		2.6		12	<	1		8.5						
	Daily Maxim				2.6		12	<	1		8.5	$\vdash$		+			
1	Max Avg Wee				2.6		12	<u> </u>	-			<b>H</b>		+	1		
		thly (Conc.):			2.6		12	_						+	1		
	Geometric Me							-	1	$\vdash$		-		+			
	Max Avg We		0.065885		1		6					-		-			
		nthly (Load):	0.061384	$\vdash$	1	-	6	<u> </u>		$\vdash$		_		+	-	-	
	Total Mo	nthly (Load):	1.841523		42	<b>—</b>	195					-		+-	1		
		num (Load):	0		1		6					_					
		num (Load):	0.0712	$\vdash$	<u> </u>	$\vdash$	6	<u> </u>		$\vdash$		_			-	<b>—</b>	
	Daily Waxiii	ium (Luau).	0.07 12		'	1	U										

Prep	ared By:	Paul F. Ruffini	License No.:	S6899
Title:	-	Agent	Date:	5/10/2018 15:01



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malveri	n Hunt STP	Month: 4 (Select number)	Year:	2018
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall:	Spray
Watershed:	3F-Wissahic		This permit will expire on: 30-No	v-21	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	T		Average	1
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
-	,								- 7/		
1	Sun	4/1/18	27,075	0	27,075					53	
	Mon	4/2/18	27,075	0	27,075			0.20	Rain	48	
	Tue	4/3/18	30,275	0	30,275						
	Wed	4/4/18	30,275	0	30,275						
	Thu	4/5/18	30,933	0	30,933					52	
	Fri	4/6/18	30,933	0	30,933						
	Sat	4/7/18	30,933	0	30,933						
2	Sun	4/8/18	35,600	35,600	0					40	
	Mon	4/9/18	32,433	32,433	0					40	
	Tue	4/10/18	32,433	32,433	0						
	Wed	4/11/18	32,433	32,433	0						
	Thu	4/12/18	32,566	32,566	0					61	
	Fri	4/13/18	32,566	32,566	0						
	Sat	4/14/18	32,566	32,566	0			0.40	Rain	48	
3	Sun	4/15/18	0	32,400	32,400			0.40	Rain	50	
	Mon	4/16/18	0	0	0			2.00	Rain	42	
	Tue	4/17/18	0	31,125	31,125					42	
	Wed	4/18/18	0	31,125	31,125						
	Thu	4/19/18	0	34,733	34,733			0.10	Rain	48	
	Fri	4/20/18	0	34,733	34,733						
	Sat	4/21/18	0	34,733	34,733						
4	Sun	4/22/18	31,275	0	31,275					48	
	Mon	4/23/18	31,275	0	31,275						
	Tue	4/24/18	31,275	0	31,275						
	Wed	4/25/18	31,275	0	31,275						
igsquare	Thu	4/26/18	30,283	0	30,283					66	
	Fri	4/27/18	30,283	0	30,283						
	Sat	4/28/18	30,283	0	30,283			0.40	Rain	70	
5	Sun	4/29/18	33,933	33,933	0					45	
	Mon	4/30/18	33,933	33,933	0						
$\vdash$											
$\parallel$											
$\vdash$											
$\parallel$											
	Mass	bly Lotolo:	724 014	407.212	622.207			2.50			
		thly Totals:	721,911	497,312	622,297			3.50			
Inch	Ma es/Acre/W	ax Weekly:	230,597 1.38	230,597 1.37	215,949 1.29	0 0.00	0 0.00	-			
inch	ies/Acre/W	eek (iviax):	1.38	1.3/	1.29	0.00	0.00	<u>J</u>			

Prepared By:	Paul F. Ruffini	License	No.:	S 6899
Title:	Agent	Date:	5/10/2018	
			·	



NAME:

# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

МО

05

YEAR

2018

FROM

DAY

01

001
OUTFALL NUMBER

MO

05

DAY

31

Reorting Frequency:

DMR Effective From:

Monthly 05/01/2018 05/31/2018

DMR Effective To:

Permit Expires:

No

Permit Application Due No Discharge?

11/30/2021 06/03/2021

**PARAMETERS REPORTED VALUES** 

PARAMETER		QUA	NTITY OR LOA	DING	QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY	
TAKAMETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LE TITL	J == 1 = = 2	
рН	Sample Measurement	***	***	***	7.5	***	7.5	S.U.	Grab	1/month	
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX	] [	Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	6.0	***	mg/L	Grab	1/month	
	Permit Measurement	***	***	]	***	30.0 Avg Mo	***	] [	Grab	1/month	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***	] [	Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	5.1	***	mg/L	Grab	1/month	
	Permit Measurement	***	***	1	***	25.0 Avg Mo	***	1	Grab	1/month	
Facility Comments			•	-	•	•	•	•			

MONITORING PERIOD

TO

YEAR

2018



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY
ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

516778

OUTFALL NUMBER

MO

05

DAY

31

Reorting Frequency:

DMR Effective From:

Monthly 05/01/2018 05/31/2018

MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR

 FROM
 2018
 05
 01
 TO
 2018

Permit Expires:
Permit Application Due
No Discharge?

DMR Effective To:

11/30/2021 06/03/2021 No

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY	
T ANAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	OAWI LE TITL	0/ WW 22 1 1/2 Q 02 1/ 0 1	
Flow	Sample Measurement	.0647	.0841	MGD	***	***	***	***	Recorded	Continuous	
	Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Facility Comments											



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
May 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-06-11T13:29:06-04:00	
May 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-06-11T13:29:47-04:00	

#### **PERMIT VIOLATIONS**

Non Compliance Event Begin Date Event End Date P	Parameter Limit Type	Reported Value Permitted Value	Load Units Sampling Point ID	Cause Of NC	Corrective Action	Comments
ID, and and			1			

#### **UNAUTHORISED DISCHARGES**

I	Non Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
	ID.				Discharged				J		Discharge		
- 1					Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

Non Compliance ID Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
---	--------------------	---------------------	----------

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Average Daily Influent Flow = 0.0647 MGD; Influent BOD5 = 312 mg/L; Influent TSS = 520 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMITTED BY GREENPORT USER	, , , , ,	Daul Duffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2018	6	11
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



Parameter

Flow

Prepared By: Paul F. Ruffini

Agent

Title:

CBOD5

TSS

### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	5(select number)	Year:	2018
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	lication due 180 da	ys prior to exp	oiration.
Laboratories:	ALS Environmental			This permit w	vill expire on:	November 30, 2	021

**Fecal Coliform** 

рΗ

License No.: S6899

6/11/2018 12:40

Date:

											·						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	4/29/18	0.06787														
	Mon	4/30/18	0.06787														
	Tue	5/1/18	0.06787														
	Wed	5/2/18	0.0869														
	Thu	5/3/18	0.0869														
	Fri	5/4/18	0.08705														
	Sat	5/5/18	0.08705														
2	Sun	5/6/18	0.0774														
	Mon	5/7/18	0.07927		5.1		6.0				7.5						
	Tue	5/8/18	0.07927					<	1.0								
	Wed	5/9/18	0.07927														
	Thu	5/10/18	0.0776														
	Fri	5/11/18	0.0776														
	Sat	5/12/18	0.0776														
3	Sun	5/13/18	0.0776														
	Mon	5/14/18	0.08827														
	Tue	5/15/18	0.08827														
	Wed	5/16/18	0.08827														
	Thu	5/17/18	0.0														
	Fri	5/18/18	0.0														
	Sat	5/19/18	0.0														
4	Sun	5/20/18	0.0839														
	Mon	5/21/18	0.0909														
	Tue	5/22/18	0.0909														
	Wed	5/23/18	0.0909														
	Thu	5/24/18	0.09103														
	Fri	5/25/18	0.09103														
	Sat	5/26/18	0.09103														
5	Sun	5/27/18	0.0912														
	Mon	5/28/18	0.082														
	Tue	5/29/18	0.082														
	Wed	5/30/18	0.082														
	Thu	5/31/18	0.08227														
	Fri	6/1/18	0.05484														
	Sat	6/2/18	0.05484	0			Ţ Ţ	7	-	7.0		3 - 4	11			0 - 0	
	cs for DMR																
	Daily Minimu				5.1	-	6	<	1		7.5						
	Daily Maxim				5.1		6	<	1		7.5						
Ma	lax Avg Wee				5.1		6	$L^{-}$									
_		thly (Conc.):			5.1		6										
	Geometric Me							<	1								
N	Max Avg We		0.089957		3		4										
		nthly (Load):	0.075978		3		4							<u> </u>			
		nthly (Load):	2.355327		105		123										
	Daily Minim	num (Load): num (Load):	0.0912		3	1	4										
			0.0312	1	J	1	. 4		ı			1	I		I		I



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malverr	Hunt STP	Month: 5 (Select number)	Year: 2018
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: <b>Spray</b>
Watershed:	3F-Wissahic		This permit will expire on: 30-N	Nov-21

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	<u> </u>		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precin	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
WEEK	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallotis	inches	турс	<i>'</i>	Ground Conditions
1	Sun	4/29/18	33,933	33,933	0						
<b>⊢</b> ' ⊢	Mon	4/30/18	33,933	33,933	0						
	Tue	5/1/18	33.933	33,933	0			1		85	Dry
$\vdash$	Wed	5/2/18	43,450	43,450	0			1		00	Diy
$\vdash$	Thu	5/3/18	43,450	43,450	0			1			
	Fri	5/4/18	43,525	43,525	0					78	Dry
$\vdash$	Sat	5/5/18	43,525	43,525	0						2.,
2	Sun	5/6/18	38,700	0	38,700						
<b>⊩</b> -⊢	Mon	5/7/18	39,633	0	39,633						
	Tue	5/8/18	39,633	0	39,633						
	Wed	5/9/18	39,633	0	39,633						
$\vdash$	Thu	5/10/18	38,800	0	38,800					74	Dry
$\vdash$	Fri	5/11/18	38,800	0	38,800						2.,
	Sat	5/12/18	38,800	0	38,800						
3	Sun	5/13/18	38,800	0	38,800			0.40	Rain	70	Wet
	Mon	5/14/18	0	44,133	44,133			0.30	Rain	59	Wet
	Tue	5/15/18	0	44,133	44,133						
	Wed	5/16/18	0	44,133	44,133						
	Thu	5/17/18	0	0	0			1.50	Rain	61	Wet
	Fri	5/18/18	0	0	0						
	Sat	5/19/18	0	0	0						
4	Sun	5/20/18	41,950	41,950	0			1.70	Rain	62	Wet
	Mon	5/21/18	45,450	45,450	0					80	Damp
	Tue	5/22/18	45,450	45,450	0					80	Dry
	Wed	5/23/18	45,450	45,450	0						
	Thu	5/24/18	45,516	45,516	0					80	Dry
	Fri	5/25/18	45,516	45,516	0						
	Sat	5/26/18	45,516	45,516	0						
5	Sun	5/27/18	45,600	45,600	0			0.40	Rain	70	Wet
	Mon	5/28/18	41,000	0	41,000						
	Tue	5/29/18	41,000	0	41,000						
	Wed	5/30/18	41,000	0	41,000			0.01	Rain	74	Wet
	Thu	5/31/18	41,133	0	41,133						
	Fri	6/1/18	27,422	0	27,422						
	Sat	6/2/18	27,422	0	27,422						
		nly Totals:	1,045,263	700,730	609,331			4.31			
		ax Weekly:	314,848	314,848	273,999	0	0		_		
Inch	nes/Acre/W	eek (Max):	1.88	1.87	1.64	0.00	0.00	]			

Prepared By:	Paul F. Ruffini	License No.:	S 6899	
Title:	Agent	Date:	6/11/2018	
			•	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

001
OUTFALL NUMBER

 Reorting Frequency:
 Monthly

 DMR Effective From:
 06/01/2018

 DMR Effective To:
 06/30/2018

 Permit Expires:
 11/30/2021

 Permit Application Due
 06/03/2021

No

No Discharge?

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2018
 06
 01
 TO
 2018
 06
 30

PARAMETER		QUA	QUANTITY OR LOADING			UANTITY OR C	ONCENTRATIO	NO	SAMPLE TYPE	SAMPLE FREQUENCY	
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	ONIVII LL TITL	SAWII EE I REGERGI	
рН	Sample Measurement	***	***	***	7.6	***	7.6	S.U.	Grab	1/month	
	Permit Measurement	***	***	]	6.0 Inst Min	***	9.0 IMAX	]	Grab	1/month	
Total Suspended Solids	Sample Measurement	***	***	***	***	9.0	***	mg/L	Grab	1/month	
	Permit Measurement	***	***	]	***	30.0 Avg Mo	***	]	Grab	1/month	
Fecal Coliform	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	Grab	1/month	
	Permit Measurement	***	***		***	200 Geo Mean	***	]	Grab	1/month	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	***	***	***	***	8.4	***	mg/L	Grab	1/month	
	Permit Measurement	***	***	1	***	25.0 Avg Mo	***	1	Grab	1/month	
Facility Comments			•	-	•			•			



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

1599418
PERMIT NUMBER

516778

OUTFALL NUMBER

Reorting Frequency: Monthly

DMR Effective From: 06/01/2018

DMR Effective To: 06/30/2018

Permit Expires: 11/30/2021

Permit Application Due 06/03/2021

No Discharge? No

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 2018
 06
 01
 TO
 2018
 06
 30

	PARAMETER		QUANTITY OR LOADING QUANTITY OR CONCENTRATION					SAMPLE TYPE	SAMPLE FREQUENCY			
	TATAWETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	O/WII EE TTT E	SAWII EE I KEGGENGT	
[	Flow	Sample Measurement	.0465	.0596	MGD	***	***	***	***	Estimate	1/month	
		Permit Measurement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Recorded	Continuous	
Ī	Facility Comments	It was determined that the influent flow meter is malfunctioning due to unusually high recorded flows during the month. The most recent 12-month average was used to estimate average monthly and daily maximum influent flows. possible.										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
June 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-07-10T11:11:15-04:00	
June 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-07-10T11:11:52-04:00	

#### **PERMIT VIOLATIONS**

_												
I	Non Compliance	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
	ID	Ī										

#### **UNAUTHORISED DISCHARGES**

Ion Compliance	Event Begin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DFP Notified	Comments
 ion compilance	Event Begin Bate	Event Liia Date	Time Discovered		Event Location	1 *************************************	Duration	Receiving waters	impaot on water		DEI Hounca	Comments
ID				Discharged						Discharge		

#### OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
59544	Influent( 516778)	Flow	Sample type not in accordance with permit	It was determined that the influent flow meter is malfunctioning due to unusually high recorded flows during the month. The most recent 12-month average was used to estimate average monthly and daily maximum influent flows. The flow meter will be serviced as soon as possible.
59545	Influent( 516778)	Flow	Sample collection less frequent than required	It was determined that the influent flow meter is malfunctioning due to unusually high recorded flows during the month. The most recent 12-month average was used to estimate average monthly and daily maximum influent flows. The flow meter will be serviced as soon as possible.

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Influent Flow Data: ESTIMATED average daily effluent flow = 0.0465 MGD (12-month average); Influent BOD5 = 168 mg/L; Influent TSS = 124 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	NE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		AREA CODE	NUMBER	2018	7	10
RUFFINIP	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	6 (select number)	Year:	2018
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	lication due 180 c	lays prior to exp	piration.
Laboratories:	ALS Environmental			This permit v	vill expire on:	November 30, 2	021

Labo	natones.	ALC	Environme	Jiiiu.	tai Triis permit will expire on.						tpire on.	November 30, 2021					
Y										$\overline{}$							
								l _						l		l	
		Parameter	Flow		CBOD5		TSS	F∈	cal Coliform		рН			l		l	
								l						l		l	
		Stage	1		1		1		1		1						
Week	Day	Date	MGD					<del>                                     </del>	CFU/100 ml		S.U.	<u> </u>		<del>  _</del>	1		
vveek	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 mi	Q	5.0.	Q		Q		Q	
$\vdash$																	
	Fri	6/1/18	0.08227														
1 1	Sat	6/2/18	0.08227					l						l			i
1	Sun	6/3/18	0.0817														
	Mon	6/4/18	0.097														
$\vdash$	Tue	6/5/18	0.097														
$\vdash$														1			
$\vdash$	Wed	6/6/18	0.097					-						├			
$\vdash$	Thu	6/7/18	0.1065					_						⊢			
	Fri	6/8/18	0.10655														
	Sat	6/9/18	0.10655														i
2	Sun	6/10/18	0.1189														i
	Mon	6/11/18	0.115		8.4		9.0				7.6						
	Tue	6/12/18	0.115					<	1.0								
$\vdash$	Wed	6/13/18	0.115					È	1.0			_		$\vdash$			
$\vdash$														-			
$\vdash$	Thu	6/14/18	0.11377					_									
	Fri	6/15/18	0.11377														
	Sat	6/16/18	0.11377														i
3	Sun	6/17/18	0.1013														
	Mon	6/18/18	0.10543														
	Tue	6/19/18	0.10543														
	Wed	6/20/18	0.10543														
		6/21/18												-			
$\vdash$	Thu		0.1058					_						⊢			
$\perp$	Fri	6/22/18	0.1058											<u> </u>			
	Sat	6/23/18	0.1058														
4	Sun	6/24/18	0.1058														
	Mon	6/25/18	0.11923														
$\Box$	Tue	6/26/18	0.11923														
	Wed	6/27/18	0.11923														
	Thu	6/28/18	0.0											1			
$\vdash$	Fri		0.0					-						├			
$\vdash$		6/29/18						_						—			
	Sat	6/30/18	0.0931														
5																	i
															1		
$\vdash$						$\vdash$											
$\vdash$						$\vdash$						-		-			
$\vdash$						$\vdash$		<b>—</b>				-		<b>!</b>	ļ		
200	ion for DMD		n								- 14	2 11 12			-	200	
Statist	ics for DMR																
	Daily Minim				8.4		9	<	1		7.6						
	Daily Maxim				8.4		9	<	1		7.6						
1	Max Avg Wee	ekly (Conc.):			8.4		9					İ		l			
	Avg Mon	thly (Conc.):			8.4		9										
	Geometric Me					$\vdash$		<	1								
	Max Avg We	eklv (Load):	0.115028		8	$\vdash$	9	$\vdash$				-		-			
		nthly (Load):	0.098454		8	$\vdash$	9	$\vdash$				<u> </u>		$\vdash$			
		nthly (Load):	2.953628	$\vdash$	242	$\vdash \vdash$	259	⊢		$\vdash$		├		<b>—</b>		_	
	Doily Minin	num (Load):	0		8		9	L_						_			
			0.119233					<u> </u>									
	Daily Maxim	ium (Load):	0.119233		8		9										

Prepare	ed By: Paul F. Ruffini	License No.: <b>S6899</b>	
Title:	Agent	Date: 7/10/2018 10:12	



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malvern H	unt STP	Month: 6	(Select number)	Year:	2018
Municipality:	East Whiteland Township	County: Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahic		This permit w	rill expire on: 30	Ō-Nov-21	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	I		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precin	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
									7,1		
	Fri	6/1/18	41,133	0	41,133						
	Sat	6/2/18	41,133	0	41,133						
1	Sun	6/3/18	40,850	0	40,850						
	Mon	6/4/18	0	48,500	48,500					73	Dry
	Tue	6/5/18	0	48,500	48,500						·
	Wed	6/6/18	0	48,500	48,500						
	Thu	6/7/18	0	53,250	53,250					80	Dry
	Fri	6/8/18	0	53,275	53,275					73	Dry
	Sat	6/9/18	0	53,275	53,275						
2	Sun	6/10/18	59,450	59,450	0			0.45	Rain	71	Dry
	Mon	6/11/18	57,500	57,500	0			0.45	Rain	78	Damp
	Tue	6/12/18	57,500	57,500	0						
	Wed	6/13/18	57,500	57,500	0						
	Thu	6/14/18	56,833	56,833	0					82	Dry
	Fri	6/15/18	56,833	56,833	0						
	Sat	6/16/18	56,833	56,833	0					0.1	
3	Sun	6/17/18	50,650	0	50,650					84	Dry
	Mon	6/18/18	52,716	0	52,716					68	Dry
	Tue	6/19/18	52,716	0	52,716						
$\vdash$	Wed	6/20/18	52,716	0	52,716					70	
	Thu	6/21/18	52,900	0	52,900					70	Dry
	Fri	6/22/18	52,900	0	52,900						
	Sat	6/23/18	52,900	0	52,900			0.00	D-i-	75	D
4	Sun Mon	6/24/18 6/25/18	0	52,900 59,616	52,900 59,616			0.30	Rain	75	Damp
	Tue	6/26/18	0	59,616	59,616						
	Wed	6/26/18	0	59,616	59,616						
$\vdash$	Thu	6/28/18	0	0	0			1.50	Rain	87	Wet
$\parallel$	Fri	6/29/18	0	0	0			1.50	Italii	01	4401
$\parallel$	Sat	6/30/18	0	46,550	46,550						
5	Jai	3/30/10	ļ	70,000	70,550						
$\vdash$											
$\parallel$											
$\parallel$											
$\parallel$											-
	Mon	nly Totals:	893,063	986,047	1,074,212			2.70			
		x Weekly:	402,449	402,449	367,498	0	0		<u>u</u>		
Inch	nes/Acre/W		2.41	2.39	2.20	0.00	0.00				
		` ′						y			

Prepared By:	Paul F. Ruffini	License No.:	S 6899	
Title:	Agent	Date:	7/10/2018	
	-			



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418		001						
PERMIT NUMBER		OUTFALL NUMBER						
MONITORING PERIOD								

Reporting Frequency: Monthly

DMR Effective From: 07/01/2018

DMR Effective To: 07/31/2018

Permit Expires: 11/30/2021

Permit Application Due: 06/03/2021

No Discharge:

		MONITORING PERIOD								
	YEAR	МО	DAY		YEAR	МО	DAY			
FROM	2018	07	01	то	2018	07	31			

PARAMETER		QUA	NTITY OR LOA	DING	C	UANTITY OR C	ONCENTRATIO	ON	SAMPLING FREQUENCY	SAMPLING TYPE	
TAKAWETEK		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMI LINGT REQUERCT	OAWI EING THE	
pH (00400)	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	1/month	Grab	
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab	
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	7.0	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab	
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab	
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab	
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab	
Facility Comments											



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633
FACILITY:	MALVERN HUNT STP
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355
STAGE:	Influent

	133341	U			310770	'	Reporting Frequ
PERI	PERMIT NUMBER			OUTF	ALL NU	MBER	DMR Effective F
			J				DMR Effective T
		Permit Expires:					
							Permit Application
YEAR	МО	DAY		YEAR	MO	DAY	No Discharge:

07

31

2018

Reporting Frequency:	Monthly
DMR Effective From:	07/01/2018
DMR Effective To:	07/31/2018
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	П

#### PARAMETERS REPORTED VALUES

	PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIC	N	SAMPLING FREQUENCY	SAMPLING TYPE	
	TAKAWETEK		VALUE	VALUE	UNITS	VALUE VALUE		VALUE	UNITS	OAWI EINOT REQUENCT	OANNI EIINO TITE	
	Flow (50050)	Sample Measurement	.0465	.0596	MGD	***	***	***	***	1/month	Estimate	
		Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded	
Facility Comments The influent flow meter is beyond repair and is scheduled to be replaced. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.												

FROM **2018** 



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
July 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-08-07T10:22:11-04:00	
July 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-08-07T10:22:45-04:00	

#### PERMIT VIOLATIONS

ſ	Non Compliance	Event Begin Date		Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point	Cause Of NC	Corrective Action	Comments
	ID <sup>*</sup>			1	· ·						

#### **UNAUTHORIZED DISCHARGES**

- [	Non Compliance	Event Regin Date	Event End Date	Time Discovered	Substance	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of	DEP Notified	Comments
- 1	ID.	g		1 2.00010.00	Discharged		'''''''	2 4. 4		Ipust on trais.	Discharge	:	
- 1	וט				Discharged					1	Discharge		

#### OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
69005	Influent (516778)	Flow	Sample type not in accordance with permit	The influent flow meter is beyond repair and is scheduled to be replaced. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.
69006	Influent (516778)	Flow	Sample collection less frequent than required	The influent flow meter is beyond repair and is scheduled to be replaced. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.

#### **COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Estimated Influent Flow = 0.0465 MGD; Influent BOD5 = 423 mg/L; Influent TSS = 348 mg/L	Edwin D. Jamieson III	T1655	(484) 746-0895

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a	under e with a quiry of , the ny false SUBMITTED BY					
	system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		717	2783444	2018	8	7
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).		AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month: 7 (select number)	Year:	2018
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.: 1599418	_ Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal application due 180	days prior to expira	ation.
Laboratories:	AI S Environmental			This permit will expire on:	November 30, 202	1

Labo	oratories:	ALS	S Environmental								This permit will expire on: November 30, 2021						
		Parameter -	Flow		CBOD5	TSS		Fe	cal Coliform		pH						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	7/1/18	0.0931											1			
	Mon	7/2/18	0.11505														
	Tue	7/3/18	0.11505														
	Wed	7/4/18	0.11165														
	Thu	7/5/18	0.11165														
	Fri	7/6/18	0.112														
	Sat	7/7/18	0.112											_			
2	Sun	7/8/18	0.098											+			
<b>-</b>	Mon	7/9/18	0.104	<	2.0		7.0				8.1			+			
$\vdash$	Tue	7/10/18	0.104	_	2.0		7.0		1.0		0.1			+			
	Wed	7/10/18	0.104					<	1.0					+			
1												-		-			
	Thu	7/12/18	0.10457														
	Fri	7/13/18	0.10457														
	Sat	7/14/18	0.10457														
3	Sun	7/15/18	0.1203														
	Mon	7/16/18	0.1207														
	Tue	7/17/18	0.1098														
	Wed	7/18/18	0.1098														
	Thu	7/19/18	0.1103														
	Fri	7/20/18	0.1103														
	Sat	7/21/18	0.0											1			
4	Sun	7/22/18	0.0971											$\top$			
	Mon	7/23/18	0.1075														
	Tue	7/24/18	0.1075											+			
	Wed	7/25/18	0.0														
	Thu	7/26/18	0.0											-			
$\blacksquare$	Fri	7/27/18	0.0											+			
$\vdash$	Sat	7/28/18	0.0									<u> </u>		+			
5	Sun	7/29/18	0.1036									1		-			<b> </b>
$\mathbb{H}$	Mon	7/30/18	0.10625									-		+			
$\parallel$				<u> </u>				$\vdash$		$\vdash$		-			-	<u> </u>	
	Tue	7/31/18	0.10625														
				Ь												L	
			h 7 0	- 10		-	T	7 6		(T , 1)	U	0 - 0		100		9-7-1	
Statist	ics for DMR																
	Daily Minim			<	2		7	<	1		8.1						
	Daily Maxim			<	2		7	<	1		8.1						
- 1	Max Avg Wee			<	2		7							1			
		thly (Conc.):		<	2		7										
	Geometric M	ean (Conc.):						<	1					1			
	Max Avg We	ekly (Load):	0.110071	<	2		6							1			
	Avg Mo	nthly (Load):	0.090439	<	2		6							1			
		nthly (Load):	2.803598	<	54		188							$\top$			
	Daily Minin	num (Load):	0	<	2		6							-		l	
	Daily Maxin	num (Load):	0.1207	<	2		6			$\vdash$		<b>†</b>		+	1	$\vdash$	
	Daily Maximum (Load):																

Prepared	By: Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	8/7/2018 9:50



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malvern	Hunt STP		Month: 7	(Select number)	Year:	2018
Municipality:	East Whiteland Township	County:	Chester		1599418	Outfall:	Spray
Watershed:	3F-Wissahic			This permit v	vill expire on:	30-Nov-21	_

		ľ	70no. 1	I Zana: 2	7000 2	7ana.	Tono:			Avorago	
			Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone: Acres:	Zone: Acres:	Drocin	itation	Average Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
week	Day	Date	Galions	Gallotis	Galions	Galions	Gallons	inches	rype		Ground Conditions
$\vdash$											
1	Sun	7/1/18	46,550	46,550	0						
	Mon	7/2/18	57,525	57,525	0					75	Dry
	Tue	7/3/18	57,525	57,525	0			0.40	Rain		2.,
	Wed	7/4/18	55,825	55,825	0			0.40	Rain	86	Dry
	Thu	7/5/18	55,825	55,825	0						, , , , , , , , , , , , , , , , , , ,
	Fri	7/6/18	56,000	56,000	0			0.30	Rain	83	Damp
	Sat	7/7/18	56,000	56,000	0						
2	Sun	7/8/18	49,000	0	49,000					75	Dry
	Mon	7/9/18	52,000	0	52,000					70	Dry
	Tue	7/10/18	52,000	0	52,000						
	Wed	7/11/18	52,000	0	52,000						
	Thu	7/12/18	52,283	0	52,283					89	Dry
	Fri	7/13/18	52,283	0	52,283						
	Sat	7/14/18	52,283	0	52,283						
3	Sun	7/15/18	0	60,150	60,150			2.12		72	
	Mon	7/16/18 7/17/18	0	60,350	60,350			0.40	Rain	71 77	Damp
	Tue	7/17/18	0	54,900	54,900 54,900			0.40	Rain	//	Damp
	Wed		-	54,900						70	D
	Thu	7/19/18 7/20/18	0	55,150	55,150					70	Dry
<b> </b>	Fri Sat	7/20/18	0	55,150 0	55,150 0			1.50	Rain	68	Wet
4	Sun	7/21/18	48,550	48,550	0			0.40	Rain	72	Damp
⊩	Mon	7/23/18	53,750	53,750	0			0.40	Rain	74	Wet
	Tue	7/24/18	53,750	53,750	0			0.40	Rain		1100
	Wed	7/25/18	0	0	0			0.40	Rain	78	Wet
	Thu	7/26/18	0	0	0			0.70	Rain		
	Fri	7/27/18	0	0	0						
	Sat	7/28/18	0	0	0						
5	Sun	7/29/18	51,800	0	51,800					72	Damp
	Mon	7/30/18	53,125	0	53,125					70	Dry
	Tue	7/31/18	53,125	0	53,125						, ,
		thly Totals:	1,061,199	881,900	860,499			5.70			
	Ma	ax Weekly:	385,250	385,250	361,849	0	0		-		
Inch	nes/Acre/W	ek (Max):	2.30	2.29	2.17	0.00	0.00	]			

Prepared By:	Paul F. Ruffini	License No.:	S 6899	
Title:	Agent	Date:	8/7/2018	
	·			



### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR
----------------------------------

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

			MONITO	ORING	PERIOD		
N,	YEAR	МО	DAY		YEAR	МО	DA
ROM	2018	08	01	то	2018	08	3
	_		_				

OUTFALL NUMBER

1599418

PERMIT NUMBER

Reporting Frequency:	Monthly
DMR Effective From:	08/01/2018
DMR Effective To:	08/31/2018
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	П

PARAMETER		QUA	NTITY OR LOA	DING	Q	JANTITY OR C	ONCENTRATIC	ON	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	7.9	***	7.9	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	11.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	2	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	4.1	***	mg/L	1/month	Grab
1	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments							-	-	*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	-
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Influent	

	4	<b>159941</b> MIT NU			4	<b>516778</b> ALL NU	
			MONITO	DRING	PERIOD		
	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2018	08	01	то	2018	08	31

eporting Frequency:	Monthly	
MR Effective From:	08/01/2018	
MR Effective To:	08/31/2018	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
o Discharge:		

PARAMETER		QUA	NTITY OR LOAD	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING THE
Flow (50050)	Sample Measurement	.0465	.0596	MGD	***	***	***	***	1/month	Estimate
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Comments	The influent flow meter is beyon	nd repair and is sche	duled to be replaced or	September 12, 201	8. The most recent 12	2-month average was	used to estimate influ	ent monthly average	and daily maximum flows.	



### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Aug 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-09-11T11:08:33-04:00	
Aug 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-09-11T11:09:06-04:00	

#### **PERMIT VIOLATIONS**

Non-C	Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

Discharged Orally
-------------------

#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
70973	Sample type not in accordance with permit	Influent (516778)	Flow	Estimate	Recorded	The influent flow meter is beyond repair and is scheduled to be replaced on September 12, 2018. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.
70974	Sample collection less frequent than required	Influent (516778)	Flow	1/month	Continuous	The influent flow meter is beyond repair and is scheduled to be replaced on September 12, 2018. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow (estimated) = 0.0465 MGD; Influent BOD5 = 121 mg/L; Influent TSS = 168 mg/L.	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER		Doul Duffini	TELEPHO	DATE			
1	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		(717)	278-3444	2018	9	11
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



Prepared By: Paul F. Ruffini

Agent

Title:

#### SUPPLEMENTAL REPORT **DAILY EFFLUENT MONITORING**

Facility Name:	Malvern Hunt STP			Month:	8(select number)	Year:	2018
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon	•		Renewal app	ication due 180 da	ys prior to exp	oiration.
Laboratories:	ALS Environmental			This permit w	ill expire on:	lovember 30, 20	021

License No.: S6899

9/11/2018 10:39

Date:

	ı	Parameter	Flow		CBOD5		TSS	Fe	ecal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
<b>.</b>																	
1	Sun	7/29/18	0.1036														
$\vdash$	Mon Tue	7/30/18 7/31/18	0.10625 0.10625														
	Wed	8/1/18	0.10625														
	Thu	8/2/18	0.10578														
	Fri	8/3/18	0.10578														
	Sat	8/4/18	0.10578														
2	Sun	8/5/18	0.1191														
	Mon	8/6/18	0.11763														
	Tue	8/7/18	0.11763														
	Wed	8/8/18	0.11763														
$\sqcup \!\!\! \perp$	Thu	8/9/18	0.11617								7.9						<b></b>
	Fri	8/10/18	0.11617									_					<b></b>
$\vdash$ $\downarrow$ $\vdash$	Sat	8/11/18	0.11617														<b></b>
3	Sun Mon	8/12/18 8/13/18	0.0 0.11715	$\vdash$	4.1		11.0	-				<del> </del>		-		$\vdash$	<del> </del>
⊩	Tue	8/14/18	0.11715		4.1		11.0		2.0			_					<b></b>
	Wed	8/15/18	0.11715						2.0								
	Thu	8/16/18	0.11715														
	Fri	8/17/18	0.1177														
	Sat	8/18/18	0.1177														
4	Sun	8/19/18	0.1202														
	Mon	8/20/18	0.11687														
	Tue	8/21/18	0.11687														
	Wed	8/22/18	0.11687														
$\sqcup$	Thu	8/23/18	0.11733														
	Fri	8/24/18	0.11733														<b> </b>
5	Sat Sun	8/25/18 8/26/18	0.11733 0.1048														
3	Mon	8/27/18	0.1048														<b></b>
$\vdash$		8/27/18	0.1042														ļ
$\vdash$	Tue Wed	8/29/18	0.1042			-		_		-		<u> </u>		<u> </u>			<b></b>
$\vdash$	Thu	8/30/18	0.1042											-			<b></b>
	Fri	8/31/18	0.09693											-			<del>                                     </del>
	Sat	9/1/18	0.09693				·					3	1.1			10	-
Statisti	cs for DMR																
	Daily Minim	um (Conc.):			4.1		11		2		7.9						
	Daily Maxim				4.1		11		2		7.9						
N		ekly (Conc.):			4.1		11										
_		thly (Conc.):			4.1		11		2								
		ean (Conc.): eekly (Load):	0.117542		4		11							<u> </u>			
		nthly (Load):	0.117342		4		11					_					<b></b>
		nthly (Load):	3.38166		124		333										<del>                                     </del>
		num (Load):	0		4		11										
	Daily Maxim		0.1202		4		11										
inquiry o	of the person	n or persons	who manage th	e syste	m or those person	s direct	tly responsible for g	gatherin	ng the information,	the info	rmation submitted i	is, to th	personnel gather ar ne best of my knowl S. § 4904 (relating	edge a	and belief, true, acc		



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malveri	n Hunt STP	Month: <b>8</b> (Select number)	Year: 2018
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahic		This permit will expire on: 30-N	lov-21

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	I		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
								Ì			
1	Sun	7/29/18	51,800	0	51,800					72	Dry
	Mon	7/30/18	53,125	0	53,125					70	Damp
	Tue	7/31/18	53,125	0	53,125						
	Wed	8/1/18	52,887	0	52,887			0.20	Rain	89	Damp
	Thu	8/2/18	52,887	0	52,887						
	Fri	8/3/18	52,887	0	52,887						
	Sat	8/4/18	52,887	0	52,887					89	Dry
2	Sun	8/5/18	59,550	59,550	0					89	Dry
	Mon	8/6/18	58,816	58,816	0						
	Tue	8/7/18	58,816	58,816	0						
	Wed	8/8/18	58,816	58,816	0						
	Thu	8/9/18	58,083	58,083	0					91	Dry
	Fri	8/10/18	58,083	58,083	0						
	Sat	8/11/18	58,083	58,083	0						
3	Sun	8/12/18	0	0	0						
	Mon	8/13/18	58,575	0	58,575						
	Tue	8/14/18	58,575	0	58,575						
	Wed	8/15/18	58,575	0	58,575						
	Thu	8/16/18	58,575	0	58,575						
	Fri	8/17/18	58,850	0	58,850					91	Dry
	Sat	8/18/18	58,850	0	58,850			0.10	Rain		
4	Sun	8/19/18	0	60,100	60,100			0.40	D-i-	72 76	Wet
$\vdash$	Mon	8/20/18	0	58,433	58,433			0.40	Rain	76	Damp
	Tue	8/21/18 8/22/18	0	58,433	58,433						
$\vdash$	Wed Thu	8/23/18	0	58,433 58,666	58,433 58,666					82	Dny
$\parallel$		8/23/18	0							02	Dry
$\parallel$	Fri	8/24/18 8/25/18	0	58,666 58,666	58,666			ļ			
5	Sat Sun	8/25/18	52,400	52,400	58,666 0					84	Dny
°	Mon	8/26/18	52,400 52,100	52,400 52,100	0			1		04	Dry Dry
$\vdash$	Tue	8/27/18	52,100 52,100	52,100	0						DIY
$\parallel$	Wed	8/29/18	52,100	52,100	0						
$\parallel$	Thu	8/30/18	48,466	48,466	0			1		83	Dry
$\parallel$	Fri	8/31/18	48,466	48,466	0			1		- 00	ыу
$\parallel$	Sat	9/1/18	48,466	48,466	0			-			
Ш		hly Totals:	1,279,427	1,127,276	974,945		<u>I</u> I	0.70			
		x Weekly:	410,247	411,397	411,397	0	0		J		
Inch	ivio es/Acre/We		2.45	2.45	2.46	0.00	0.00	1			
11101	,,, , , , , , , , , , , , , , ,	on (wax).			=.70	J.00	1 0.00	7			

Prepared By:	Paul F. Ruffini	License No	).:	S 6899	
Title:	Agent	Date:	9/11/2018		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

**OUTFALL NUMBER** 

МО

09

DAY

30

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

			MONITO	DRING F	PERIOD	
10	YEAR	МО	DAY	-	YEAR	
FROM	2018	09	01	то	2018	

1599418

PERMIT NUMBER

Reporting Frequency:	Monthly
DMR Effective From:	09/01/2018
DMR Effective To:	09/30/2018
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUA	NTITY OR LOA	DING	QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	7.7	***	7.7	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	17.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	20	***	CFU/100 ml	2/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	11.6	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments							-			



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	-
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Influent	

		159941	8			516778	3		
	PERM	ЛІТ NU	MBER		OUTFALL NUME				
			MONITO	DRING	PERIOD				
	YEAR	МО	DAY		YEAR	МО	DAY		
FROM	2018 09		01	то	2018	09	30		

Reporting Frequency:	Monthly	
MR Effective From:	09/01/2018	
OMR Effective To:	09/30/2018	
Permit Expires:	11/30/2021	
Permit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIC	N	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE	
Flow (50050)	Sample Measurement	.0465	.0596	MGD	***	***	***	***	1/month	Estimate	
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded	
Facility Comments	The influent flow meter was rep	The influent flow meter was replaced on September 12, 2018, but additional calibration is necessary. The most recent 12-month average was used to estimate influent monthly average and daily maximum flows.									



### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Sept 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-10-04T12:17:10-04:00	
Sept 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-10-04T12:16:28-04:00	

#### **PERMIT VIOLATIONS**

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Event Start Date Event End Date Date and	and Time Discovered Substance Event Location Discharged	Volume (gal) Duration (hrs) Receiving Waters	Impact On Waters Cause Of Discharge	Date and Time DEP Notified Comments Orally
--	---	--	-------------------------------------	---

#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
72488	Sample type not in accordance with permit	Influent (516778) Flow		Estimate	Recorded	The influent flow meter was replaced on September 12, 2018, but additional palibration is necessary. The most recent 12-month average was used to estimate nfluent monthly average and daily maximum flows.
72489	Sample collection less frequent than required	Influent (516778)	Flow	1/month	Continuous	The influent flow meter was replaced on September 12, 2018, but additional calibration is necessary. The most recent 12-month average was used to estimate nfluent monthly average and daily maximum flows.

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw Influent Data: Influent Flow (estimated) = 0.0465 MGD; Influent BOD5 = 254 mg/L; Influent TSS = 144 mg/L	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USE		Paul Puffini	TELEPHO	DATE			
1	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		(717)	278-3444	2018	10	4
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: **Malvern Hunt STP** Month: Year: 2018 (select number) Permit No.: 1599418 Municipality: East Whiteland Twp. County: Outfall: Chester Spray Watershed: 3F-Wissahickon Renewal application due 180 days prior to expiration. Laboratories: ALS Environmental This permit will expire on: November 30, 2021

		-	C														
	,	Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1		1		1	1			1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		α		Q	
	Sat	9/1/18	0.09693														
1	Sun	9/2/18	0.0874														
	Mon	9/3/18	0.09927														
	Tue	9/4/18	0.09927														
	Wed	9/5/18	0.09927														
$\blacksquare$	Thu	9/6/18	0.10847								7.7						
$\blacksquare$	Fri	9/7/18	0.10847								1.1						
$\mathbf{H}$	Sat	9/8/18	0.10847														-
2	Sun	9/8/18	0.10847														
					44.0		47.0										
	Mon	9/10/18	0.11297		11.6		17.0		100.0								
	Tue	9/11/18	0.11297						420.0								
	Wed	9/12/18	0.11297														
	Thu	9/13/18	0.113														
	Fri	9/14/18	0.113														
	Sat	9/15/18	0.113														
3	Sun	9/16/18	0.1259														
	Mon	9/17/18	0.11183														
	Tue	9/18/18	0.11183														
	Wed	9/19/18	0.11183														
	Thu	9/20/18	0.11183														
	Fri	9/21/18	0.11355														
	Sat	9/22/18	0.11355														
4	Sun	9/23/18	0.1018														
	Mon	9/24/18	0.10225														
	Tue	9/25/18	0.10225					<	1.0								
	Wed	9/26/18	0.1129														
	Thu	9/27/18	0.1129														
	Fri	9/28/18	0.1129														
$\blacksquare$	Sat	9/29/18	0.1129														
5	Sun	9/30/18	0.0803														
l ⊸	Our	3/30/10	0.0003														
$\vdash$																	-
$\blacksquare$																	
										$\vdash$							
		L				<b>—</b>		<b>—</b>		$\vdash$						<b>—</b>	
	(	17.			1	100		2000					Y			10.00	
	cs for DMR																
	Daily Minimu				11.6		17	٧	1		7.7						
	Daily Maxim				11.6		17		420		7.7						
N	Max Avg Wee				11.6		17										
		hly (Conc.):			11.6		17										
	Geometric Me							<	20								
1	Max Avg We		0.114329		11		16										
		thly (Load):	0.107778		11		16										
	Total Mon	thly (Load):	3.233327		328		480										
	Daily Minim		0.0803		11		16										
	Daily Maxim	um (Load):	0.1259		11		16										

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	10/4/2018 11:21

3800-FM-WSFR0449 Rev. 5/2010



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 9 (Select number)	Year: 2018
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahic	•	This permit will expire on: 30-N	ov-21

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	T		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
								l l			
	Sat	9/1/18	48,466	48,466	0						
1	Sun	9/2/18	43,700	0	43,700			0.40	Rain	78	Damp
	Mon	9/3/18	49,633	0	49,633					80	Dry
	Tue	9/4/18	49,633	0	49,633						,
	Wed	9/5/18	49,633	0	49,633						
	Thu	9/6/18	54,233	0	54,233					95	Dry
	Fri	9/7/18	54,233	0	54,233			0.40	Rain		
	Sat	9/8/18	54,233	0	54,233			0.40	Rain		
2	Sun	9/9/18	0	54,700	54,700			0.40	Rain		Wet
	Mon	9/10/18	0	56,483	56,483			0.40	Rain	67	Wet
	Tue	9/11/18	0	56,483	56,483						
	Wed	9/12/18	0	56,483	56,483						
	Thu	9/13/18	0	56,500	56,500					76	Damp
	Fri	9/14/18	0	56,500	56,500						
	Sat	9/15/18	0	56,500	56,500						
3	Sun	9/16/18	62,950	62,950	0					78	Dry
	Mon	9/17/18	55,912	55,912	0			0.40	Rain	78	Wet
	Tue	9/18/18	55,912	55,912	0						
	Wed	9/19/18	55,912	55,912	0						
	Thu	9/20/18	55,912	55,912	0						
	Fri	9/21/18	56,775	56,775	0					76	Dry
$\sqcup$	Sat	9/22/18	56,775	56,775	0						
4	Sun	9/23/18	50,900	0	50,900			0.40	Rain	60	Wet
	Mon	9/24/18	51,125	0	51,125			0.40	Rain	61	Damp
	Tue	9/25/18	51,125	0	51,125			0.40	Rain		
	Wed	9/26/18	56,450	0	56,450			0.40	Rain	84	Damp
<b>⊩</b>	Thu	9/27/18	56,450	0	56,450						
Щ	Fri	9/28/18	56,450	0	56,450			1			
<b>⊩_</b>	Sat	9/29/18	56,450	0	56,450					- 00	D
5	Sun	9/30/18	0	40,150	40,150			1		60	Dry
<b> </b>				<b>!</b>			1	-	ļ	<b></b>	
$\parallel$				1		ļ	1		ļ		
⊩⊣								-		-	
⊩⊢								1	<u> </u>	1	
$\vdash$				₩				+		1	
ш	Mon	thly Totals:	1,182,862	882,413	1,168,047	<u> </u>	<del>                                     </del>	4.00			
		ax Weekly:	400,148	400,148	393,649	0	0	7.00	1		
Inch			2.39	2.38	2.36	0.00	0.00				
IIICI	163/7616/VV	/Week (Max): 2.39		2.30	2.30	0.00	0.00	_			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	10/4/2018



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

<b>DISCHARGE MONITORING REPORT (I</b>	DMR)
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OUTFALL NUMBER

DAY

31

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

	MONITORING PERIOD										
YEAR MO DAY YEAR											
FROM	2018	10	01	то	2018	10					

1599418

PERMIT NUMBER

Departing Francisco	Manthly
Reporting Frequency:	Monthly
DMR Effective From:	10/01/2018
DMR Effective To:	10/31/2018
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	CAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	14.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	7.3	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments			4					-		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778			
	PERM	MIT NU	MBER		OUTF	ALL NU	IMBER		
			MONITO	ORING	PERIOD				
10	YEAR	МО	DAY		YEAR	МО	DAY		
FROM	2018	10	01	то	2018	10	31		

Reporting Frequency:	Monthly
DMR Effective From:	10/01/2018
DMR Effective To:	10/31/2018
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUANTITY OR LOADING			QL	JANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	CAMPI INC TYPE		
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE	
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	209	***	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		Monitor & Report Avg	***	***		Monitor & Report	Monitor & Report	
Total Suspended Solids (00530)	Sample Measurement	***	***	***	140	***	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		Monitor & Report Avg	***	***		Monitor & Report	Monitor & Report	
Flow (50050)	Sample Measurement	.0437	.0474	MGD	***	***	***	***	Continuous	Recorded	
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded	
Facility Comments							-		*		



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Oct 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-11-13T11:13:04-05:00	
Oct 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-11-13T11:13:44-05:00	

#### **PERMIT VIOLATIONS**

4.												
ľ	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Ev	Event Start Date Event End Da	te Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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#### OTHER PERMIT VIOLATIONS

No	on-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
		·					

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the	- du Kamin	(717)	278-3444	2018	11	13
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: **Malvern Hunt STP** 10 (select number) Year: 2018 Month: Permit No.: 1599418 Municipality: East Whiteland Twp. County: Outfall: Chester Spray Watershed: 3F-Wissahickon Renewal application due 180 days prior to expiration. Laboratories: ALS Environmental This permit will expire on: November 30, 2021

	ratorics.		LITVITOTITIE							-	rins permit v	•	φσ σ		ember 30, 202	•	
	ı	Parameter	Flow		CBOD5		TSS	Fe	ecal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q	1	Q	
WOOK	Day	Date	MICE	~	mg/L	Ψ.	mg/L	_	01 0/100 11	, a	0.0.	_		_		_	
1	Sun	9/30/18	0.0803														
H .	Mon	10/1/18	0.07315														
	Tue	10/2/18	0.07315														
	Wed	10/3/18	0.07315														
	Thu	10/4/18	0.07315														
	Fri	10/5/18	0.0726														
	Sat	10/6/18	0.0726														
2	Sun	10/7/18	0.074														
	Mon	10/8/18	0.07257		7.3		14.0				8.1						
	Tue	10/9/18	0.07257					<	1.0								
	Wed	10/10/18	0.07257														
	Thu	10/11/18	0.07275														
	Fri	10/12/18	0.07275														
	Sat	10/13/18	0.07275														
3	Sun	10/14/18	0.07275														
	Mon	10/15/18	0.0735														
	Tue	10/16/18	0.0733														
	Wed	10/17/18	0.07315														
	Thu	10/18/18	0.07315														
	Fri	10/19/18	0.07315														
	Sat	10/20/18	0.07315														
4	Sun	10/21/18	0.0731														
	Mon	10/22/18	0.07295														
	Tue	10/23/18	0.07295														
	Wed	10/24/18	0.07295														
	Thu	10/25/18	0.07295														
	Fri	10/26/18	0.0725														
	Sat	10/27/18	0.0725														
5	Sun	10/28/18	0.0735														
	Mon	10/29/18	0.07333											-			
	Tue	10/30/18	0.07333											-			
	Wed	10/31/18	0.07333														
	Thu Fri	11/1/18 11/2/18	0.07333 0.0488									-		-			
	Sat	11/2/18	0.0488	$\vdash$					_	$\vdash$		-		$\vdash$			
Statisti	cs for DMR	11/0/10	0.0400	_			_	_						_			
	Daily Minimu	ım (Conc.).		-	7.3		14	<	1		8.1			1	1		
	Daily Maxim				7.3		14	~	1		8.1	1		l -			
	Max Avg Wee			H	7.3		14	Ė	· · ·			$\vdash$					
		thly (Conc.):		H	7.3		14							<u> </u>			
C	Geometric Me							<	1								
	Max Avg We		0.074014		4		8										
	Avg Mor	nthly (Load):	0.073009		4		8					t					
	Total Mor	nthly (Load):	2.263273		137		263										
	Daily Minim	ium (Load):	0.0725		4		8					l					
	Daily Maxim	ium (Load):	0.074		4		8										

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	11/13/2018 9:51
	_		

3800-FM-WSFR0449 Rev. 5/2010



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 10 (Select number)	Year: <b>20</b> 1	18
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Sp	oray
Watershed:	3F-Wissahic		This permit will expire on: 30-Nov-	21 <u>—</u>	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	Т		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Procin	itation	Temp	1
Week	Dav	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
week	Бау	Date	Galions	Galions	Gallons	Galions	Gallolis	inches	туре	Г	Ground Conditions
											<b> </b>
	Sun	9/30/18	0	40,150	40,150					80	Dry
<b>⊩</b>	Mon	10/1/18	0	36,575	36,575					00	Diy
$\vdash$	Tue	10/1/18	0	36,575	36,575						
$\vdash$	Wed	10/3/18	0	36,575	36,575						
<del>     </del>	Thu	10/4/18	0	36,575	36,575						
	Fri	10/5/18	0	36,300	36,300					63	Dry
	Sat	10/6/18	0	36,300	36,300						
2	Sun	10/7/18	0	37,000	37,000					68	Dry
<b> </b>	Mon	10/8/18	36,283	36,283	0					76	Damp
	Tue	10/9/18	36,283	36,283	0						
	Wed	10/10/18	36,283	36,283	0						
	Thu	10/11/18	36,375	36,375	0			0.10	Rain	82	Damp
	Fri	10/12/18	36,375	36,375	0			****			
	Sat	10/13/18	36,375	36,375	0						
3	Sun	10/14/18	36,375	36,375	0						
	Mon	10/15/18	36,750	0	36,750			0.10	Rain	70	Damp
	Tue	10/16/18	36,650	0	36,650					60	Dry
	Wed	10/17/18	36,575	0	36,575					60	Dry
	Thu	10/18/18	36,575	0	36,575						
	Fri	10/19/18	36,575	0	36,575						
	Sat	10/20/18	36,575	0	36,575			0.10	Rain		
4	Sun	10/21/18	0	36,550	36,550					44	Wet
	Mon	10/22/18	0	36,475	36,475					50	Dry
	Tue	10/23/18	0	36,475	36,475						
	Wed	10/24/18	0	36,475	36,475						
	Thu	10/25/18	0	36,475	36,475						
	Fri	10/26/18	0	36,250	36,250			0.30	Rain	55	Wet
	Sat	10/27/18	0	36,250	36,250			0.40	Rain		
5	Sun	10/28/18	36,750	36,750	0			0.10	Rain	55	Wet
	Mon	10/29/18	36,662	36,662	0					55	Damp
	Tue	10/30/18	36,662	36,662	0						
	Wed	10/31/18	36,662	36,662	0						
	Thu	11/1/18	36,662	36,662	0						
	Fri	11/2/18	24,400	24,400	0					71	Dry
	Sat	11/3/18	24,400	24,400	0						
		thly Totals:	620,785	911,935	730,550			1.10			
		ax Weekly:	256,075	259,050	259,050	0	0		_		
Inch	nes/Acre/W	eek (Max):	1.53	1.54	1.55	0.00	0.00	]			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	11/13/2018



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

		159941	0		,	001	
	PERM	MIT NU	MBER		OUTF	ALL NU	IMBER
			MONITO	ORING I	PERIOD		, 1
	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2018	11	01	то	2018	11	30

eporting Frequency:	Monthly	_
MR Effective From:	11/01/2018	
MR Effective To:	11/30/2018	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAWIPLING TIPE	
pH (00400)	Sample Measurement	***	***	***	7.7	***	7.7	S.U.	1/month	Grab	
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab	
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab	
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	34	***	CFU/100 ml	3/month	Grab	
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab	
arbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	3.0	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab	
Facility Comments							-				



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633
FACILITY:	MALVERN HUNT STP
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355
STAGE:	Influent

		159941	0			310//0	•
	PERM	MIT NU	MBER		OUTF	ALL NU	IMBER
			MONITO	DRING	PERIOD		
10	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2018	11	01	то	2018	11	30
				10.00			

Reporting Frequency:	Monthly
OMR Effective From:	11/01/2018
OMR Effective To:	11/30/2018
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QU	ANTITY OR LOAD	ING	QL	JANTITY OR C	ONCENTRATIO	N	SAMPLING EDECHENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING I TPI
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	199	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	128	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0502	.0701	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Comments	11		-				•		*	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Nov 2018 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2018-12-11T10:14:43-05:00	
Nov 2018 Land App Supp Form.pdf	Land Application Systems Form	2018-12-11T10:15:10-05:00	

#### **PERMIT VIOLATIONS**

Г	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Ev	Event Start Date Event End Da	te Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
----------------------	-------------------------------	-----------------------------	-------------------------	----------------	--------------	----------------	------------------	------------------	--------------------	-----------------------------------	----------

#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the	- 4	(717)	278-3444	2018	12	11
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: **Malvern Hunt STP** 11 (select number) Year: 2018 Month: Permit No.: 1599418 Municipality: East Whiteland Twp. County: Outfall: Chester Spray Watershed: 3F-Wissahickon Renewal application due 180 days prior to expiration. Laboratories: ALS Environmental This permit will expire on: November 30, 2021

	ratorics.		LITVITOTITIE							This permit will expire on:			November 30, 2021				
		Parameter	Flow		CBOD5		TSS	Fe	ecal Coliform		рН						
		Stage	1		1		1		1		1	1					
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
TT COIL	Thu	11/1/18	0.07333	_	9/2		9, 2	Ť	0. 0, 100 111	_	0.0.	_		<u> </u>		_	
$\vdash$	Fri	11/2/18	0.0488														
	Sat	11/3/18	0.0488														
1	Sun	11/4/18	0.0486														
$\vdash$	Mon	11/5/18	0.0400														
$\vdash$	Tue	11/6/18	0.0616					<b>—</b>								-	
	Wed	11/7/18	0.0616														
$\vdash$	Thu	11/8/18	0.0616														
	Fri	11/9/18	0.0														
$\vdash$	Sat	11/10/18	0.0														
2	Sun	11/11/18	0.0														
-	Mon	11/12/18	0.0137		3.0	<	5.0				7.7						
	Tue	11/13/18	0.06223		0.0		0.0		1920.0								
	Wed	11/14/18	0.06223						1320.0								
	Thu	11/15/18	0.06223														
	Fri	11/16/18	0.0457														
	Sat	11/17/18	0.0457														
3	Sun	11/18/18	0.0525														
H	Mon	11/19/18	0.0525														
$\vdash$	Tue	11/20/18	0.0525														
$\vdash$	Wed	11/20/18	0.0323														
$\vdash$	Thu	11/21/18	0.0														
	Fri	11/23/18	0.07615														
$\vdash$	Sat	11/24/18	0.07615														
4	Sun	11/25/18	0.0413														
$\vdash$	Mon	11/26/18	0.05183														
	Tue	11/27/18	0.05183						1.0								
	Wed	11/28/18	0.05183						21.0								
	Thu	11/29/18	0.05183						21.0								
$\vdash$	Fri	11/30/18	0.0														
	Sat	12/1/18	0.0														
5		12/1/10	0.0														
H-																-	
$\vdash$																	
								_									
Statisti	cs for DMR		1 - 1										-				1
	Daily Minimu	ım (Conc.):			3	<	5		1		7.7					1	
	Daily Maxim				3	<	5		1920		7.7						
	Max Avg Wee			$\vdash$	3	<	5	$\vdash$				<del>                                     </del>					
		thly (Conc.):			3	<	5	<del>                                     </del>				l					
	Geometric Me				-		-	t	34			l			<del> </del>		
	Max Avg We		0.044257		0.3	<	0.6					l					
		nthly (Load):	0.043871		0.3	<	0.6					l					
	Total Mor	nthly (Load):	1.316124		10	<	17										
	Daily Minim		0		0.3	<	0.6	t									
	Daily Maxim		0.07615		0.3	<	0.6					l					
												_		_			

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	12/11/2018 9:16

3800-FM-WSFR0449 Rev. 5/2010



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 11 (Select number)	Year: 2018	
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray	
Watershed:	3F-Wissahic	•	This permit will expire on: 30-N	Nov-21	

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	I		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
	Thu	11/1/18	36,662	36,662	0					71	Dry
	Fri	11/2/18	24,400	24,400	0						
	Sat	11/3/18	24,400	24,400	0			0.40	Rain	43	Wet
1	Sun	11/4/18	24,300	0	24,300			0.40	Rain	55	Wet
	Mon	11/5/18	30,800	0	30,800						
	Tue	11/6/18	30,800	0	30,800						
	Wed	11/7/18	30,800	0	30,800						
	Thu	11/8/18	30,800	0	30,800						
	Fri	11/9/18	0	0	0						
	Sat	11/10/18	0	0	0						
2	Sun	11/11/18	0	0	0						
	Mon	11/12/18	0	6,850	6,850			0.40	Rain	55	Wet
	Tue	11/13/18		31,116	31,116			0.40	Rain	45	Wet
	Wed	11/14/18	0	31,116	31,116			0.40	Snow		
	Thu	11/15/18	0	31,116	31,116			0.40	Snow		Wet
	Fri	11/16/18	0	22,850	22,850						
	Sat	11/17/18 11/18/18	0 26,250	22,850	22,850					50	Dry
3	Sun		II '	26,250	0						
	Mon	11/19/18 11/20/18	26,275 26,275	26,275 26,275	0						
	Tue Wed	11/20/18	26,275	26,275	0					38	Dest
										38	Dry
	Thu	11/22/18	0	0	0			0.40			
	Fri Sat	11/23/18	38,075 38,075	38,075	0			0.40 0.40	Dain		Wet
4	Sun	11/24/18 11/25/18	20,650	38,075 0	20,650			0.40	Rain Rain	50 50	Wet
4	Mon	11/25/18	25,912	0	25,912			0.40	Rain	50	vvei
	Tue	11/27/18	25,912	0	25,912						
	Wed	11/28/18	25,912	0	25,912			<b>-</b>			
	Thu	11/29/18	25,912	0	25,912						
	Fri	11/30/18	0	0	0					36	Dry
	Sat	12/1/18	0	0	0					- 00	Diy
5	Out	12/1/10	<u> </u>	- U							
							1				
							1				
	Mon	thly Totals:	512,210	386,310	417,696		Ī	3.60		-	
	M	ax Weekly:	154,950	154,950	147,500	0	0		4		
Inch		eek (Max):		0.92	0.88	0.00	0.00	1			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	12/11/2018



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

Final Effluent

1599418	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD									
YEAR	МО	DAY		YEAR	МО	DAY			
2018	12	01	то	2018	12	31			

**FROM** 

Reporting Frequency: Monthly

DMR Effective From: 12/01/2018

DMR Effective To: 12/31/2018

Permit Expires: 11/30/2021

Permit Application Due: 06/03/2021

No Discharge:

#### PARAMETERS REPORTED VALUES

STAGE:

PARAMETER		QUA	NTITY OR LOAI	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	3-1	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Comments					li.					



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

	159941	8		516778				
PERI	MIT NU	MBER		OUTF	ALL NU	IMBER		
		MONITO	ORING	PERIOD				
YEAR	МО	DAY		YEAR	МО	DAY		
2018	12	01	то	2018	12	31		
	PERM	PERMIT NU	YEAR MO DAY	PERMIT NUMBER  MONITORING  YEAR MO DAY	PERMIT NUMBER  OUTFA  MONITORING PERIOD  YEAR MO DAY YEAR	PERMIT NUMBER  OUTFALL NU  MONITORING PERIOD  YEAR MO DAY YEAR MO		

Reporting Frequency:	Monthly
MR Effective From:	12/01/2018
OMR Effective To:	12/31/2018
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QU	ANTITY OR LOAD	ING	QL	JANTITY OR C	ONCENTRATIO	N	SAMPLING EDECLIENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAWIFLING TIFE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	223	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	216	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0475	.0921	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***	1	Continuous	Recorded
Facility Comments	11		*				*		*	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

	File Name		1,1		Atta	chment Type			Uploaded Tim	ie			Attachment Commer	nts	
PERMIT VIOLATIONS	s														
Non-Compliance ID	Event Start Date Eve	ent End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Samplin	g Point	Cause Of Non-O	Compliance	Correcti	ve Action	C	Comments
INAUTHORIZED DIS	SCHARGES														
Non-Compliance ID	Event Start Date Eve	vent End Date	Date and Time Discov	ered Subst		ent Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of	f Discharge	Date and Time DE Orally	P Notified	Comments
THER PERMIT VIO	LATIONS		- 37												
Non-Compliance ID	Non-Co	Compliance Type	+1 +	Sai	mpling Point	+	Para	ameter		Reported Value	)		Permit Limit	7	Comments
OMMENT DETAILS		Comments			i	C	Operator Name	-1	0	perator Certification	Number		Operate	or Contact Numb	per
OMMENT DETAILS		Comments					Operator Name vin D. Jamieson III		0	perator Certification T1655	Number			or Contact Numb	per
COMMENT DETAILS	C	Comments			ł				0	•	Number	Į.			per
	*Pursuant to the Pe	ennsylvania E action with th	e Commonwealth	of Pennsylvar	nia. You are sub	Edw inuary 15, 2002 mitting official i	vin D. Jamieson III  2, you are about information. You	certify under	o Paul Ruffir	T1655	Number TELEPHC	DNE			per
UBMISSION INFOR	*Pursuant to the Pe electronic transa penalty of law that system designed to	ennsylvania E action with th t this docume to assure tha	e Commonwealth nt and all attachm	of Pennsylvar nts were pre el gather and	nia. You are sub pared under you d evaluate the in	nuary 15, 2002 mitting official i ir direction or s formation subn	2, you are about information. You upervision in aconitted. Based on	certify under cordance with a your inquiry of		T1655		ONE 278-3444		484)-746-0895	per 8



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	

	MONITORING PERIOD											
	YEAR	МО	DAY		YEAR	МО						
FROM	2019	01	01	то	2019	01						

OUTFALL NUMBER

**31** 

1599418

PERMIT NUMBER

Reporting Frequency:	Monthly	
DMR Effective From:	01/01/2019	
DMR Effective To:	01/31/2019	
Permit Expires:	11/30/2021	
Permit Application Due:	06/03/2021	
No Discharge:	(Train)	

#### PARAMETERS REPORTED VALUES

Final Effluent

STAGE:

PARAMETER		QUA	ANTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIC	ON	SAMPLING EDECLIENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE	
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	1 - L	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments			4						4	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778				
	PERI	MIT NU	MBER		OUTF	ALL NU	MBER			
			MONITO	RING	PERIOD					
10	YEAR MO DAY		DAY		YEAR	МО	DAY			
FROM	2019	01	01	то	2019	01	31			

Reporting Frequency:	Monthly
DMR Effective From:	01/01/2019
DMR Effective To:	01/31/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	П

PARAMETER		QUANTITY OR LOADING			QL	JANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYP
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	161	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	132	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0464	.0892	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments					-		-			



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

	File Name		1.			Attachment Type			Uploaded T	ime			Attachment Commen	its	
ERMIT VIOLATIONS	s														
Non-Compliance ID	Event Start Date Event	ent End Date	Parameter	Limit Typ	e Reported \	alue Permit Li	nit Unit	Sampli	pling Point Cause Of Non-Compliance Corrective Action Comments						
NAUTHORIZED DIS	SCHARGES														
Non-Compliance ID	Event Start Date Event	ent End Date	Date and Time Discovered Substance Discharged			Event Location Volume (gal) Duration (hrs)		Receiving Waters	Impact On Water	s Cause C	Of Discharge	Date and Time DE Orally	P Notified	Comments	
THER PERMIT VIO	LATIONS		- 3												
Non-Compliance ID					Sampling Point	t Parameter				Reported Value			Permit Limit Comments		
												Č.			
OMMENT DETAILS		comments	- 0				Operator Name			Operator Certifica		1		or Contact Numbe	er
COMMENT DETAILS	Cor	omments			- (		Operator Name Edwin D. Jamieson III			Operator Certifica				or Contact Number 84)-746-0895	er
SUBMISSION INFOR SUBMITTED BY GREENPORT USER	RMATION  *Pursuant to the Penice electronic transact	nnsylvania E	e Commonwealth	th of Penns	sylvania. You ar	e submitting offi	Edwin D. Jamieson III  2002, you are about to cial information. You	certify under	David David	T1655		ONE			er
SUBMISSION INFOR	*Pursuant to the Peni electronic transact penalty of law that th system designed to	ennsylvania E ction with the this documer to assure that	e Commonwealth nt and all attachr at qualified perso	th of Penns ments were onnel gathe	sylvania. You ar re prepared und er and evaluate	e submitting offi er your direction the information s	Edwin D. Jamieson III  2002, you are about to cial information. You	certify under cordance with a your inquiry of	David David	T1655	5	ONE 278-3444		84)-746-0895	er 11



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

PERMIT NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

DAY		
28		

**OUTFALL NUMBER** 

Reporting Frequency:	Monthly	
OMR Effective From:	02/01/2019	
OMR Effective To:	02/28/2019	
Permit Expires:	11/30/2021	
Permit Application Due:	06/03/2021	
lo Discharge:	171	

PARAMETER		QUA	NTITY OR LOA	DING	Q	JANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX	1	1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	3- A A	
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778				
	PERM	MIT NUI	MBER		OUTF	ALL NU	MBER			
			MONITO	ORING I	PERIOD					
	YEAR MO DAY				YEAR	МО	DAY			
FROM	2019	02	01	то	2019	02	28			

eporting Frequency:	Monthly	
MR Effective From:	02/01/2019	
MR Effective To:	02/28/2019	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QUANTITY OR LOADING			QL	JANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
iochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	318	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	148	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0449	.0629	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***	4	Continuous	Recorded
Facility Sampling Point Comments					-		-		*	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

	File Name		1			Δtts	chment Type			Uploaded Time	17:		Δ	ttachment Commen	nts	
	The Hame					71110	omment Type			opiouded Time	40			ttuoiment commen		
ERMIT VIOLATION	S															
Non-Compliance ID	Event Start Date Event Er	nd Date	Parameter	Limit Ty	ype Re	eported Value	Permit Lim	nit Unit	Samplin	g Point	Cause Of Non-Com	pliance	Correctiv	e Action	C	omments
INAUTHORIZED DIS	SCHARGES															
Non-Compliance ID	Event Start Date Event Er	nd Date	Date and Time Disc	covered	Substanc		ent Location	Volume (gal)	Duration (hrs)	Receiving Waters Imp	pact On Waters	Cause Of I	Discharge	Date and Time DEI	P Notified	Comments
				-										,		
THER PERMIT VIO	LATIONS															
Non-Compliance ID	Non-Compli	iance Type			Sampli	ing Point		Para	ameter	100	Reported Value		P	ermit Limit		Comments
						<u> </u>				-						
OMMENT DETAILS	Comm	nents	- 5					Operator Name		Ope	erator Certification Num	nber		Operato	or Contact Numbe	er
		nents						Operator Name Edwin D. Jamieson III		Ope	erator Certification Num T1655	nber			or Contact Number 184)-746-0895	er
nfluent sample for BOD5 and	Comm d TSS was collected on 2/19/2019.	nents	•			1				Ope		nber				er
COMMENT DETAILS  Influent sample for BOD5 and SUBMISSION INFOR SUBMITTED BY GREENPORT USER	TSS was collected on 2/19/2019.  MATION  *Pursuant to the Penns electronic transaction	ylvania E n with the	e Commonwealtl	th of Penr	ct - Act 69	o, effective Ja	inuary 15, 2 mitting offic	Edwin D. Jamieson III	certify under	Ope	T1655	nber TELEPHO!	NE NE			er
fluent sample for BOD5 and	Comm d TSS was collected on 2/19/2019.  MATION  *Pursuant to the Penns	ylvania E n with the documer ssure tha	e Commonwealtl nt and all attachr it qualified perso	th of Penr ments we onnel gath	ct - Act 69 nsylvania. ere prepar	O, effective Ja You are sub red under you valuate the in	nuary 15, 2 mitting offic ir direction of formation si	Edwin D. Jamieson III 2002, you are about ial information. You or supervision in accubinitted. Based on	certify under cordance with a your inquiry of		T1655	TELEPHOI	NE 278-3444		184)-746-0895	er 7



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

		159941	8		001			
	PERI	MIT NUI	MBER		OUTF	ALL NU	MBER	
			MONITO	PERIOD				
	YEAR	МО	DAY		YEAR	МО	DAY	
FROM	2019	03	01	то	2019	03	31	

Reporting Frequency:	Monthly
DMR Effective From:	03/01/2019
DMR Effective To:	03/31/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUA	NTITY OR LOA	DING	QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	7.26	***	7.31	S.U.	3/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	15.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	89	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	3.4	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments									*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3				
	PERI	MIT NU	MBER		OUTF	ALL NU	IMBER				
- 17	Ι.,	MONITORING PERIOD									
10	YEAR	МО	DAY		YEAR	МО	DAY				
FROM	2019	03	01	то	2019	03	31				
					_		-				

eporting Frequency:	Monthly
MR Effective From:	03/01/2019
MR Effective To:	03/31/2019
ermit Expires:	11/30/2021
ermit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QUANTITY OR LOADING			G QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING I TP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	163	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	124	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0476	.0613	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	11						÷		*	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Mar 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-04-03T13:53:24-04:00	
Mar 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-04-03T13:53:58-04:00	

#### PERMIT VIOLATIONS

1	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments	

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Event Start Date Event End Date Date and Time Discovered Substance Discharged	Event Location Volume (gal) Duration (hrs) Re	Receiving Waters Impact On Waters Cause Of Discharge	Date and Time DEP Notified Comments Orally
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#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number	
	Edwin D. Jamieson III	T1655	(484)-746-0895	

SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the	T ddi Kallilli	(717)	278-3444	2019	4	3
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: 3 (select number) Year: 2019 Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester Spray 3F-Wissahickon
ALS Environment Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: **November 30, 2021** Watershed:

Labo	ratories:	ALS	Environme	ntal						-	This permit	will ex	pire on:	Nov	ember 30, 202	1	
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	Fri	3/1/19	0.0														
	Sat	3/2/19	0.0														
1	Sun	3/3/19	0.0														
	Mon	3/4/19	0.0														
	Tue	3/5/19	0.0														
	Wed	3/6/19	0.0									1		_			
	Thu	3/7/19	0.0									1					
	Fri	3/8/19	0.0									-					
	Sat	3/9/19	0.06425		2.4		45.0					-					
2	Sun Mon	3/10/19 3/11/19	0.06425		3.4		15.0				7.26						
	Tue	3/11/19	0.0	$\vdash$					89.0		7.26	-		-			
	Wed	3/12/19	0.04285	$\vdash$					89.0			1		-			
	Thu	3/13/19	0.04285									1		-			
	Fri	3/15/19	0.04203								7.26	-					
	Sat	3/16/19	0.0481								7.20	1					
3	Sun	3/17/19	0.0481									1					
	Mon	3/18/19	0.0496								7.31						
	Tue	3/19/19	0.0496								7.01						
	Wed	3/20/19	0.0558	$\vdash$								+					
	Thu	3/21/19	0.0558	Н								1					
	Fri	3/22/19	0.0543														
	Sat	3/23/19	0.0543														
4	Sun	3/24/19	0.0543														
	Mon	3/25/19	0.0586	H								1					
	Tue	3/26/19	0.0586														
	Wed	3/27/19	0.0581														
	Thu	3/28/19	0.0581														
	Fri	3/29/19	0.0558														
	Sat	3/30/19	0.0558														
5	Sun	3/31/19	0.0558														
<u> </u>	k			R = - 1	35			C_ = -	w	k = -	JS	88 - 8		41-3			
Statist	ics for DMR												-				
	Daily Minimu			M I I	3.4		15		89	11 1	7.26				= =		- 21
	Daily Maxim				3.4		15	$\sqcup$	89		7.31	1					
N	Max Avg Wee			$\sqcup$	3.4	$\vdash$	15 15	$\vdash$				1		+			
,	Avg Mont Geometric Me	thly (Conc.):			3.4		15		89			1		-			
	Max Avg We		0.05704	$\vdash$	2	$\vdash$	8		09			1		+			
		nthly (Load):	0.03655	$\vdash$	2	$\vdash$	8	$\vdash$		$\vdash$		1		+			
		nthly (Load):	1.133		56		249					1		-			
		num (Load):	0	$\vdash$	2	$\vdash$	8					1			+		
	Daily Maxim		0.06425		2		8					1		+			
	,	·/·			=		-						l .				

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	4/3/2019 13:22



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 3 (Select number)	Year: <b>2019</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahicl	·	This permit will expire on:3	0-Nov-21

			7		7	7		•		I A	
			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	Dunnin	!! = 4! a.u.	Average	
I <del>-101</del> - 1	D	- Data	Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:		itation	Temp	Constitue
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
		0/4/40									
	Fri Sat	3/1/19 3/2/19	0	0	0						
	Sun	3/3/19	0	0	0						
'		3/4/19						0.00	Daia	24	10/24
	Mon Tue	3/4/19	0	0	0			0.20	Rain	34	Wet
	Wed	3/6/19	0	0	0						
	Thu	3/6/19	0	0	0						
	Fri	3/8/19	0	0	0						
	Sat	3/9/19	32,125	32,125	0					45	Thawing/Wet
2	Sun	3/10/19	32,125	32,125	0			0.20	Rain	45	mawing/vvet
<b> </b> -	Mon	3/10/19	0	0	0			0.20	ixaiii	41	Thawing
H +	Tue	3/12/19	0	0	0					7.	Thawing
1	Wed	3/13/19	21,425	21,425	0					57	Thawing
	Thu	3/14/19	21,425	21,425	0					- 31	Triawing
	Fri	3/15/19	24,050	24,050	0					71	Wet
	Sat	3/16/19	24,050	24,050	0					7.	****
3	Sun	3/17/19	24,050	24,050	0						
	Mon	3/18/19	24,800	0	24,800					46	Dry
	Tue	3/19/19	24,800	0	24,800						
	Wed	3/20/19	27,900	0	27,900			0.40	Rain	50	Dry/Wet
	Thu	3/21/19	27,900	0	27,900			0.40	Rain		Wet
	Fri	3/22/19	27,150	0	27,150			0.40	Rain		Wet
	Sat	3/23/19	27,150	0	27,150						
4	Sun	3/24/19	27,150	0	27,150						
	Mon	3/25/19	0	29,300	29,300					40	Wet
	Tue	3/26/19	0	29,300	29,300						
	Wed	3/27/19	0	29,050	29,050					49	Dry
	Thu	3/28/19	0	29,050	29,050						
	Fri	3/29/19	0	27,900	27,900					50	Dry
	Sat	3/30/19	0	27,900	27,900						
5	Sun	3/31/19	0	27,900	27,900						
		i I									
		thly Totals:	366,100	379,650	387,250			1.60			
		ax Weekly:	183,750	172,500	199,650	0	0				
Inch	nes/Acre/W	eek (Max):	1.10	1.03	1.20	0.00	0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	4/3/2019
	-		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

		159941	0		,	001	
	PERM	MIT NUI	MBER		OUTF	ALL NU	MBER
			MONITO	ORING I	PERIOD		
10	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2019	04	01	то	2019	04	30
							-

Reporting Frequency:	Monthly
OMR Effective From:	04/01/2019
OMR Effective To:	04/30/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIC	ON	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	S VALUE VALUE VALUE U		UNITS	SAMPLING PREQUENCY	SAMPLING TIPE	
pH (00400)	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	11.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	2.9	***	mg/L	1/month	Grab
(	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments								*		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

516778

**OUTFALL NUMBER** 

30

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

			MONITO	DRING	PERIOD	
10	YEAR	МО	DAY		YEAR	М
ROM	2019	04	01	то	2019	0.

1599418

PERMIT NUMBER

Monthly	
04/01/2019	
04/30/2019	
11/30/2021	
06/03/2021	
	04/01/2019 04/30/2019 11/30/2021

PARAMETER		QU	ANTITY OR LOAD	ING	QL	JANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	256	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	100	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0412	.0523	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***	4	Continuous	Recorded
Facility Sampling Point Comments	Raw influent sampling date: 4/8	3/2019.			-		-			



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Apr 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-05-14T13:41:52-04:00	
Apr 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-05-14T13:42:37-04:00	

#### **PERMIT VIOLATIONS**

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments	Ξ

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Ev	Event Start Date Event End Da	te Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
----------------------	-------------------------------	-----------------------------	-------------------------	----------------	--------------	----------------	------------------	------------------	--------------------	-----------------------------------	----------

#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent sampling date: 4/8/2019	Edwin D. Jamieson III	T1655	(484)-746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY BREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of		(717)	278-3444	2019	5	14
ruffinip	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: Year: 2019 (select number) Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester Spray 3F-Wissahickon
ALS Environment Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: **November 30, 2021** Watershed:

Labo	oratories:	ALS	Environme	ntal						_	This permit v	will ex	pire on:	Nov	ember 30, 202	1	
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
											•						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	3/31/19	0.0558									<u> </u>					
	Mon	4/1/19	0.07545														
	Tue Wed	4/2/19 4/3/19	0.07545 0.05715									-		_			
	Thu	4/3/19	0.05715									1					
	Fri	4/5/19	0.03713					$\vdash$				1					
	Sat	4/6/19	0.0674														
2	Sun	4/7/19	0.0674														
	Mon	4/8/19	0.06415		2.9		11.0										
	Tue	4/9/19	0.06415					<	1.0								
	Wed	4/10/19	0.0645														
	Thu	4/11/19	0.0645														
	Fri	4/12/19	0.0645														
	Sat	4/13/19	0.0645														
3	Sun	4/14/19	0.0645														
	Mon	4/15/19	0.0645									_					
	Tue	4/16/19	0.0645											_			
	Wed	4/17/19	0.0645									-					
-	Thu Fri	4/18/19	0.0														
	Sat	4/19/19 4/20/19	0.0														
4	Sun	4/20/19	0.0														
<b>⊢</b>	Mon	4/22/19	0.0									+					
	Tue	4/23/19	0.0														
	Wed	4/24/19	0.0														
	Thu	4/25/19	0.0														
	Fri	4/26/19	0.0														
	Sat	4/27/19	0.066														
5	Sun	4/28/19	0.066														
	Mon	4/29/19	0.066								8.1						
	Tue	4/30/19	0.066														
												1					
						Ш						1			1		
<b>I</b>	ļ											1			ļ		
Static	tics for DMR	-		g = (	85					k = -				H			
Statis	Daily Minim			h a a f	2.9		11	<	1		8.1						
	Daily Maxim				2.9	$\vdash$	11	<	1		8.1	$\vdash$		_			
	Max Avg Wee				2.9		11	$\vdash$	•		<b></b>	1			<del> </del>		
		thly (Conc.):			2.9	$\vdash$	11					1					
	Geometric Me	ean (Conc.):						<	1			1					
	Max Avg We		0.06511		2		6					T					
		nthly (Load):	0.04586		2		6					Ī					
		nthly (Load):	1.3757		47		177										
		num (Load):	0		2		6		· · · · ·		,						
	Daily Maxim	num (Load):	0.07545		2		6					1					

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	5/14/2019 12:56



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 4 (Select number)	Year: <b>2019</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahicl	•	This permit will expire on:	30-Nov-21

		i	Zono: 1	Zone: 2	70no. 2	Zone:	I Zonoi			Averege	1
			Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Acres:	Zone: Acres:	Procin	itation	Average Temp	
I Maria I	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches		°F	Ground Conditions
Week	Day	Date	Galions	Gallons	Galions	Gallons	Galloris	inches	Type	<i>-</i>	Ground Conditions
$\vdash$											
$\vdash$											
1	Sun	3/31/19	0	27,900	27,900						
<b> </b>	Mon	4/1/19	37,725	37,725	0					50	Dry
	Tue	4/1/19	37,725	37,725	0					50	Diy
	Wed	4/3/19	28,575	28,575	0						
	Thu	4/4/19	28,575	28,575	0						
	Fri	4/4/19	33,700	33,700	0					48	Dry
	Sat	4/6/19	33,700	33,700	0					10	Diy
2	Sun	4/7/19	33,700	33,700	0						
<b> </b>	Mon	4/8/19	32,075	0	32,075			0.10	Rain	60	Damp
	Tue	4/9/19	32,075	0	32,075			0.10	rtani		Батр
	Wed	4/10/19	32,250	0	32,250					68	Dry
	Thu	4/11/19	32,250	0	32,250					- 00	Diy.
	Fri	4/12/19	32,250	0	32,250					64	Wet
H +	Sat	4/13/19	32,250	0	32,250					<b>-</b> • • •	
3	Sun	4/14/19	32,250	0	32,250			0.20	Rain		
	Mon	4/15/19	0	32,250	32,250			0.20	Rain	58	Damp
	Tue	4/16/19	0	32,250	32,250			0.00			
	Wed	4/17/19	0	32,250	32,250					58	Dry
	Thu	4/18/19	0	0	0					60	Dry
	Fri	4/19/19	0	0	0						, in the second
	Sat	4/20/19	0	0	0						
4	Sun	4/21/19	0	0	0						
	Mon	4/22/19	0	0	0					60	Dry
	Tue	4/23/19	0	0	0						
	Wed	4/24/19	0	0	0					78	Dry
	Thu	4/25/19	0	0	0					62	Dry
	Fri	4/26/19	0	0	0						
	Sat	4/27/19	33,000	33,000	0						
5	Sun	4/28/19	33,000	33,000	0						
	Mon	4/29/19	33,000	0	33,000					62	Dry
	Tue	4/30/19	33,000	0	33,000						
		thly Totals:	591,100	396,450	388,150			0.50			
		ax Weekly:	226,850	227,900	193,150	0	0				
Inch	nes/Acre/W	eek (Max):	1.36	1.36	1.16	0.00	0.00	]			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	5/14/2019



#### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)**

EAST WHITELAND TWP CHESTER CNTY NAME: ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633 FACILITY: MALVERN HUNT STP LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355 STAGE:

Final Effluent	

		159941	8			001	
	PERI	MIT NU	MBER		OUTF	ALL NU	IMBER
			MONITO	DRING I	PERIOD		
	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2019	05	01	то	2019	05	31

eporting Frequency:	Monthly	
MR Effective From:	05/01/2019	
MR Effective To:	05/31/2019	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
o Discharge:		

PARAMETER		QUA	NTITY OR LOA	DING	QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING PREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	8.2	***	8.2	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments								*	4	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

516778

**OUTFALL NUMBER** 

DAY

31

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

			MONITO	ORING F	PERIOD	
N	YEAR	МО	DAY	= [	YEAR	МО
FROM	2019	05	01	то	2019	05

1599418

PERMIT NUMBER

Reporting Frequency:	Monthly
DMR Effective From:	05/01/2019
DMR Effective To:	05/31/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	П

PARAMETER		QUANTITY OR LOADING			QL	JANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYP	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAWIFLING TIFE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	54.9	54.9 ***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	108	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0478	.0627	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***	4	Continuous	Recorded
Facility Sampling Point Comments	Sample date 5/14/2019.						-			



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
May 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-06-12T10:47:24-04:00	
May 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-06-12T10:48:07-04:00	

#### PERMIT VIOLATIONS

- 1	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

-													
	Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

REENPORT USER   electron	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE	DATE		
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		(717)	278-3444	2019	6	12
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DA





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: 5 (select number) Year: 2019 Municipality: East Whiteland Twp. Outfall: County: Chester Permit No.: **1599418 Spray** Watershed: 3F-Wissahickon Renewal application due 180 days prior to expiration. Laboratories: ALS Environmental This permit will expire on: November 30, 2021

Labo	ratories:	ALS	Environme	ental						-	This permit v	vill ex	cpire on:	Nov	ember 30, 202 <sup>-</sup>	1	
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q	I	Q		Q	
					<u> </u>		<u> </u>							+			
1	Sun	4/28/19	0.066														
	Mon	4/29/19	0.066											1			
	Tue Wed	4/30/19 5/1/19	0.066 0.072														
$\vdash$	Thu	5/1/19	0.072							$\vdash$				+			
	Fri	5/3/19	0.08											+			
	Sat	5/4/19	0.08											1			
2	Sun	5/5/19	0.08														
	Mon	5/6/19	0.084														
	Tue	5/7/19	0.084														
	Wed	5/8/19	0.084														
	Thu	5/9/19	0.072														
	Fri	5/10/19	0.072											1			
3	Sat Sun	5/11/19 5/12/19	0.072 0.072											+			
3	Mon	5/12/19	0.072											+			
	Tue	5/14/19	0.087	<	2.0	<	5.0	<	1.0		8.2			+			
	Wed	5/15/19	0.087			<u> </u>	0.0										
	Thu	5/16/19	0.087														
	Fri	5/17/19	0.0932														
	Sat	5/18/19	0.0932														
4	Sun	5/19/19	0.0932														
	Mon	5/20/19	0.093														
	Tue	5/21/19	0.093														
	Wed Thu	5/22/19 5/23/19	0.093 0.087											-			
-	Fri	5/23/19	0.087											+			
	Sat	5/25/19	0.087											1			
5	Sun	5/26/19	0.087														
	Mon	5/27/19	0.096														
	Tue	5/28/19	0.096														
	Wed	5/29/19	0.096														
	Thu	5/30/19	0.096														
	Fri	5/31/19	0.096											1			
Station	Sat cs for DMR	6/1/19	0.06	RT EI	<u> </u>					R = 3	3	5 B		1			
Statist	Daily Minimu	ım (Conc.)		<	2	<	5	<	1		8.2						
	Daily Maxim			<	2	\   	5	\   	<u> </u>		8.2			1			
N	Max Avg Wee			<	2	\   	5		-		<del></del>						
	Avg Mont	thly (Conc.):		<	2	<	5			$\Box$		1					
	Geometric Me							<	1								
	Max Avg We		0.090457	<	1	<	4										
		nthly (Load):	0.080632	<	1	<	4							1			
		nthly (Load): num (Load):	2.499597 0	<	45 1	<	112 4							1			
	Daily Maxim		0.096	<	1	<	4			$\vdash$				+-			
	July Maxilli	(2000).	0.500	_`	'	`	T	<u> </u>					l .	1	I		

Prepared By:	Paul F. Ruffini	License No.	
Title:	Agent	Date:	6/12/2019 8:53



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP		Month: 5	(Select number)		Year:	2019
Municipality:	East Whiteland Township	County:	Chester	Permit No.:	1599418		Outfall:	Spray
Watershed:	3F-Wissahicl	_		 This permit	will expire on:	30-Nov	-21	_

		ſ	7		7	7	7				
		Ī	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	D		Average	
· · · · ·			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:		itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
		[									
$\parallel$		4/28/19	22,000	22.000	0						
1	Sun		33,000	33,000	0					20	5
	Mon	4/29/19	33,000	0	33,000					80	Dry
	Tue	4/30/19	33,000	0	33,000						
	Wed	5/1/19	36,000 0	0	36,000					70	Dn/
$\parallel$	Thu Fri	5/2/19 5/3/19	40,000	0	0 40,000					72	Dry
$\parallel$			**		-						
$\parallel$	Sat	5/4/19	40,000	0	40,000					07	D
2	Sun Mon	5/5/19 5/6/19	40,000 0	0 42,000	40,000 42,000					67	Dry
$\parallel$		5/6/19	-	42,000	42,000					GE.	Dn/
$\parallel$	Tue		0							65	Dry
	Wed	5/8/19	0	42,000	42,000					62	Dry
	Thu	5/9/19	0	36,000	36,000						
	Fri	5/10/19	0	36,000	36,000			2.40	Dain		
اجيا	Sat	5/11/19	0	36,000	36,000			0.40	Rain		
3	Sun	5/12/19	0	36,000	36,000			0.40	Rain	50	34/24
$\parallel$	Mon	5/13/19	0	0	0			1.40	Rain	50	Wet
	Tue	5/14/19	43,500	43,500	0			0.20	Rain	50	Wet
$\parallel$	Wed	5/15/19	43,500	43,500	0						
$\parallel$	Thu	5/16/19	43,500	43,500	0						
$\parallel$	Fri	5/17/19	46,600	46,600	0					78	Dry
$\parallel$	Sat	5/18/19	46,600	46,600	0						
4	Sun	5/19/19	46,600	46,600	0					75	D.n.
	Mon	5/20/19	46,500	0	46,500					75	Dry
	Tue	5/21/19	46,500	0	46,500					70	5
	Wed	5/22/19	46,500	0	46,500					72	Dry
	Thu	5/23/19	43,500	0	43,500						
	Fri	5/24/19	43,500	0	43,500						
	Sat	5/25/19	43,500	0	43,500						
5	Sun	5/26/19	43,500	0	43,500						_
	Mon	5/27/19	0	48,000	48,000			2.40	5	80	Dry
	Tue	5/28/19	0	48,000	48,000			0.40	Rain		
	Wed	5/29/19	0	48,000	48,000					90	Dry
	Thu	5/30/19	0	48,000	48,000						
	Fri	5/31/19	0	48,000	48,000					83	Dry
	Sat	6/1/19	0	30,000	30,000		<u></u>	<u> </u>			<u></u>
		thly Totals:	739,800	780,300	979,500			2.80			
		ax Weekly:	316,600	270,000	313,500	0	0		_		
Incl	hes/Acre/W	eek (Max):	1.89	1.61	1.88	0.00	0.00	]			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	6/12/2019



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Final Effluent	

		159941	8		001							
	PERM	MIT NU	MBER		OUTF	ALL NU	IMBER					
	MONITORING PERIOD											
10	YEAR	МО	DAY		YEAR	МО	DAY					
FROM	2019	06	01	то	2019	06	30					

eporting Frequency:	Monthly	
MR Effective From:	06/01/2019	
MR Effective To:	06/30/2019	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QUANTITY OR LOADING			Q	JANTITY OR C	ONCENTRATIC	N	SAMPLING EDECLIENCY	CAMPI INC TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE ***	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE	
pH (00400)	Sample Measurement	***	***	***	7.8		7.8	S.U.	1/month	Grab	
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab	
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab	
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab	
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	7	***	CFU/100 ml	1/month	Grab	
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab	
arbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab	
1	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab	
Facility Sampling Point Comments									*		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3			
	PERM	MIT NUI	MBER		OUTF	ALL NU	MBER			
Н	MONITORING PERIOD									
٠,	YEAR	МО	DAY		YEAR	МО	DAY			
FROM	2019	9 06 01		то	2019	06	30			

eporting Frequency:	Monthly	
MR Effective From:	06/01/2019	
MR Effective To:	06/30/2019	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING THE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	154	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	98	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0477	.0887	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments					-		÷		*	



### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER**

**DISCHARGE MONITORING REPORT (DMR)** 

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
June 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-07-09T11:31:13-04:00	
June 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-07-09T11:31:44-04:00	

#### **PERMIT VIOLATIONS**

- 1	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Event Start Date Event End Date Date and Time	ered Substance Event Location Discharged	Volume (gal) Duration (hrs) Receiving Waters Impact On W	Vaters Cause Of Discharge Date and Time DEP Notified Comments Orally
---	--	--	--

### OTHER PERMIT VIOLATIONS

ı,	Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sampling date: 6/10/2019	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY REENPORT USER		Paul Ruffini	TELEPHO	ONE		DATE	7
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of		(717)	278-3444	2019	7	9
ruffinip	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: 6 (select number) Year: 2019 Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester **Spray** Renewal application due 180 days prior to expiration. Watershed: 3F-Wissahickon Laboratories: ALS Environmental This permit will expire on: November 30, 2021

Lab	oratories:	ALS	Environme	ental						I his permit will		rmit will expire on: November 30, 2021					
		Parameter	Flow		CBOD5		TSS	Ec	ecal Coliform		рН						
	,	raiaiiietei	Flow		СВОРЗ		133	'	cai Comorni		рп						
		Stage	1		1		1		1		1						
Wee	k Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	0-1	0/4/40	0.0											-			
1	Sat Sun	6/1/19 6/2/19	0.0														
ı⊫∸	Mon	6/3/19	0.06											1			
.	Tue	6/4/19	0.0														
.	Wed	6/5/19	0.0														
	Thu	6/6/19	0.108														
.	Fri	6/7/19	0.108														
.	Sat	6/8/19	0.108														
2	Sun Mon	6/9/19 6/10/19	0.108 0.108	<	2.0	<	5.0										
.	Tue	6/11/19	0.108	l-`	2.0	⊢`	3.0		7.0								
.	Wed	6/12/19	0.108						7.0				•	1			
	Thu	6/13/19	0.1113														
	Fri	6/14/19	0.1113														
.	Sat	6/15/19	0.1113														
3	Sun	6/16/19	0.1113														
. ⊩	Mon Tue	6/17/19 6/18/19	0.118 0.0											-			
. ⊩	Wed	6/19/19	0.0											<u> </u>			
┈	Thu	6/20/19	0.067											1			
	Fri	6/21/19	0.03967														
	Sat	6/22/19	0.03967														
4	Sun	6/23/19	0.03967														
.	Mon	6/24/19	0.132								7.8						
.	Tue Wed	6/25/19	0.1225														
	Thu	6/26/19 6/27/19	0.1225 0.004														
.	Fri	6/28/19	0.062														
.	Sat	6/29/19	0.062														
5	Sun	6/30/19	0.069														
.																	
.																	
-														1			
					11-								1.				
Stati	stics for DMR	11															
	Daily Minimu			<	2	<	5		7	H	7.8						121
		um (Cono):		<	2	<	5		7		7.8						
	Daily Maxim			_					l			ı	I	1	I	1	
	Max Avg Wee	ekly (Conc.):		<	2	<	5							1			
	Max Avg Wee	ekly (Conc.): thly (Conc.):		<	2	<	5		7								
	Max Avg Wee	ekly (Conc.): thly (Conc.): ean (Conc.):	0.109414						7								
	Max Avg Wee Avg Mont Geometric Me Max Avg We Avg Mon	ekly (Conc.): thly (Conc.): ean (Conc.): eekly (Load): nthly (Load):	0.071307	<	2 2 2	<	5 5 5		7								
	Avg Mont Geometric Me Max Avg We Avg Mon Total Mon	ekly (Conc.): thly (Conc.): ean (Conc.): ekly (Load): nthly (Load):	0.071307 2.139198	< < < <	2 2 2 54		5 5 5 135		7								
	Max Avg Wee Avg Mont Geometric Me Max Avg We Avg Mor Total Mor Daily Minim	ekly (Conc.): thly (Conc.): ean (Conc.): eekly (Load): nthly (Load):	0.071307	< <	2 2 2	< <	5 5 5		7								

Prepared By:	Paul F. Ruffini	License No.	
Title:	Agent	Date:	7/9/2019 11:05



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 6 (Select number)	Year: <b>2019</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spray
Watershed:	3F-Wissahicl		This permit will expire on:3	0-Nov-21

		ı	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	T		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precin	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
week	Day	Date	Galions	Gallons	Galions	Gallolis	Gallolis	Inches	rype	<del>                                     </del>	Ground Conditions
	Sat	6/1/19	0	15,000	15,000			0.30	Rain		Wet
	Sun	6/2/19	0	15,000	15,000		1	0.30	Rain		Wet
<b>⊩</b> ' ⊢	Mon	6/3/19	0	0	0			0.00	rtain	71	Dry
	Tue	6/4/19	0	0	0					<del>  ''</del>	Diy
	Wed	6/5/19	0	0	0					76	Dry
	Thu	6/6/19	54,000	54,000	0					81	Dry
	Fri	6/7/19	54,000	54,000	0					01	Diy
$\parallel$	Sat	6/8/19	54,000	54,000	0			1		<b>+</b>	
2	Sun	6/9/19	54,000	54,000	0			1		1	
<b> </b>	Mon	6/10/19	54,000	0	54,000		1	0.10	Rain	80	Wet
$\parallel$	Tue	6/11/19	54,000	0	54,000			0.10	- Tani		
	Wed	6/12/19	54,000	0	54,000			1.00	Rain	60	Wet
	Thu	6/13/19	55,650	0	55,650			1.00	Italii	- 00	- vvct
	Fri	6/14/19	55,650	0	55,650						
	Sat	6/15/19	55,650	0	55,650						
3	Sun	6/16/19	55,650	0	55,650						
	Mon	6/17/19	0	59,000	59,000					80	Dry
	Tue	6/18/19	0	0	0					78	Dry
	Wed	6/19/19	0	0	0			1.50	Rain	<b>+</b> • • • • • • • • • • • • • • • • • • •	,
	Thu	6/20/19	0	33,500	33,500			1.50	Rain	86	Wet
	Fri	6/21/19	0	19,833	19,833			1.00	rtairi	77	Dry
	Sat	6/22/19	0	19,833	19,833					<u> </u>	
4	Sun	6/23/19	0	19,833	19,833			1			
	Mon	6/24/19	66,000	66,000	0			1		89	Dry
	Tue	6/25/19	61,250	61,250	0						· 1
	Wed	6/26/19	61,250	61,250	0						
	Thu	6/27/19	2,000	2,000	0					91	Dry
	Fri	6/28/19	31,000	31,000	0						·
	Sat	6/29/19	31,000	31,000	0						
5	Sun	6/30/19	34,500	34,500	0					86	Dry
			,	,							· · · · · · · · · · · · · · · · · · ·
	Mon	thly Totals:	887,600	684,999	566,599			4.70			
		ax Weekly:	382,950	272,333	328,950	0	0		9		
Inch		eek (Max):	2.29	1.62	1.97	0.00	0.00	1			
								4			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	7/9/2019



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

		159941	8			001								
	PERI	MIT NUI	MBER		OUTF	ALL NU	IMBER							
		MONITORING PERIOD												
10	YEAR	МО	DAY		YEAR	МО	DAY							
FROM	2019	07	01	то	2019	07	31							
							-							

Reporting Frequency:	Monthly
DMR Effective From:	07/01/2019
DMR Effective To:	07/31/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

DADAMETED		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER  pH (00400)  Total Suspended Solids (00530)		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TIPE
pH (00400)	Sample Measurement	***	***	***	7.9	***	7.9	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab
1	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments								*	*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	-
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	3
FACILITY:	MALVERN HUNT STP	Ξ
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Influent	=

	-	<b>159941</b> MIT NU			4	516778 ALL NU	
			MONITO	DRING	PERIOD		
10	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2019 07		01	то	2019	07	31

Reporting Frequency:	Monthly
DMR Effective From:	07/01/2019
DMR Effective To:	07/31/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	Ti

PARAMETER		QU.	ANTITY OR LOAD	DING	QL	IANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAWIPLING TIPE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	163	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***	1	Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 7/8/2019.								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	103	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	r Sample date: 7/8/19								
Flow (50050)	Sample Measurement	.0436	.0845	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	7		*							



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
July 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-08-12T14:18:54-04:00	
July 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-08-12T14:19:44-04:00	

### **PERMIT VIOLATIONS**

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Ev	Event Start Date Event End Da	te Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
----------------------	-------------------------------	-----------------------------	-------------------------	----------------	--------------	----------------	------------------	------------------	--------------------	-----------------------------------	----------

### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sample date: 7/8/2019	Edwin D. Jamieson III	T1655	(484)-746-0895

#### CLIDMICCION INFORMATIO

SUBMITTED BY REENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	7
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of		(717)	278-3444	2019	8	12
ruffinip	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: 7 Year: 2019 (select number) Municipality: East Whiteland Twp. Outfall: County: Chester Permit No.: **1599418 Spray** Watershed: 3F-Wissahickon Renewal application due 180 days prior to expiration. Laboratories: ALS Environmental This permit will expire on: November 30, 2021

Labo	ratories:	ALS	Environme	ental				This permit will expire on:			November 30, 2021						
	,	Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q	Γ	Q		Q	
	·				Ü		J										
	0	0/00/40	0.000														
1	Sun Mon	6/30/19 7/1/19	0.069 0.069											-			
	Tue	7/1/19	0.009														
	Wed	7/3/19	0.101														
	Thu	7/4/19	0.128														
	Fri	7/5/19	0.114														
	Sat	7/6/19	0.114														
2	Sun	7/7/19	0.114														
	Mon	7/8/19	0.143	<	2.0	<	5.0	<u> </u>	4.0								
	Tue Wed	7/9/19 7/10/19	0.121 0.12325					<	1.0	1	7.9						
	Thu	7/11/19	0.12325								7.0						
	Fri	7/12/19	0.12325														
	Sat	7/13/19	0.12325														
3	Sun	7/14/19	0.121														
	Mon	7/15/19	0.1385														
	Tue	7/16/19	0.1385														
	Wed Thu	7/17/19 7/18/19	0.101 0.11188														
	Fri	7/10/19	0.11188														
	Sat	7/20/19	0.11188														
4	Sun	7/21/19	0.11188														
	Mon	7/22/19	0.11188														
	Tue	7/23/19	0.11188														
	Wed	7/24/19	0.11188														
	Thu Fri	7/25/19 7/26/19	0.11188 0.1			1		1		1							
	Sat	7/20/19	0.1							1				1			
5	Sun	7/28/19	0.0														
	Mon	7/29/19	0.1095														
	Tue	7/30/19	0.1095														
	Wed	7/31/19	0.1095														
	Thu	8/1/19	0.1095														
	Fri Sat	8/2/19 8/3/19	0.1095 0.1095														
Statist	ics for DMR	0/3/13	0.1000								8						
	Daily Minimu	um (Conc.):		I	2	<	5	<	1	11	7.9						
	Daily Maxim			<	2	<	5	<	1		7.9			1			
ľ	Max Avg Wee	ekly (Conc.):		<	2	<	5							L			
		thly (Conc.):		<	2	<	5										
	Geometric Me Max Avg We		0.124429		2		6	<	1					1			
		nthly (Load):	0.124429	< <	2	< <	6	-						-			
		nthly (Load):	3.3205	<	74	<	185							1			
	Daily Minim	num (Load):	0	<	2	<	6										
	Daily Maxim	num (Load):	0.143	<	2	<	6										

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	8/12/2019 13:40



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malverr	n Hunt STP	Month: <b>7</b> (Select number)	Year: <b>2019</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahicl		This permit will expire on:	30-Nov-21

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	T		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
									7,1		
1	Sun	6/30/19	34,500	34,500	0						
	Mon	7/1/19	34,500	34,500	0					90	Dry
	Tue	7/2/19	50,500	0	50,500					88	Dry
	Wed	7/3/19	50,500	0	50,500						,
	Thu	7/4/19	64,000	0	64,000					89	Dry
	Fri	7/5/19	57,000	0	57,000					86	Dry
	Sat	7/6/19	57,000	0	57,000						
2	Sun	7/7/19	57,000	0	57,000			0.20	Rain	78	Damp
	Mon	7/8/19	71,500	71,500	0						
	Tue	7/9/19	60,500	60,500	0						
	Wed	7/10/19	61,625	61,625	0						
	Thu	7/11/19	61,625	61,625	0			0.30	Rain	85	Wet
	Fri	7/12/19	0	61,625	61,625						
	Sat	7/13/19	0	61,625	61,625						
3	Sun	7/14/19	0	60,500	60,500					88	Dry
	Mon	7/15/19	69,250	69,250	0					78	Dry
	Tue	7/16/19	69,250	69,250	0						
	Wed	7/17/19	50,500	50,500	0					95	Dry
	Thu	7/18/19	55,938	55,938	0			0.20	Rain	79	Wet
	Fri	7/19/19	55,938	55,938	0						
	Sat	7/20/19	55,938	55,938	0						
4	Sun	7/21/19	55,938	55,938	0						
	Mon	7/22/19	55,938	0	55,938					90	Dry
	Tue	7/23/19	55,938	0	55,938						
	Wed	7/24/19	55,938	0	55,938						
	Thu	7/25/19	55,938	0	55,938						
	Fri	7/26/19	50,000	0	50,000					89	Dry
	Sat	7/27/19	0	0	0						
5	Sun	7/28/19	0	0	0						
	Mon	7/29/19	0	54,750	54,750					81	Dry
	Tue	7/30/19	0	54,750	54,750					92	Dry
	Wed	7/31/19	0	54,750	54,750			0.50	Rain	88	Wet
	Thu	8/1/19	0	54,750	54,750					82	Dry
	Fri	8/2/19	0	54,750	54,750					81	Dry
	Sat	8/3/19	0	54,750	54,750			<u> </u>			
		thly Totals:	1,312,254	1,050,502	957,752			1.20			
		ax Weekly:	356,814	417,314	328,500	0	0		_		
Incl	hes/Acre/W	eek (Max):	2.13	2.48	1.97	0.00	0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	8/12/2019
	<u> </u>		



### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER**

<b>DISCHARGE MONITORING REPORT (</b>	(DMR)
--------------------------------------	-------

1599418

PERMIT NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633 FACILITY: MALVERN HUNT STP LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355 STAGE: Final Effluent

	- 71	1 1	
_		YEAR	1
	FROM	2019	П

001
OUTFALL NUMBER

No

MONITORING PERIOD										
1 ( 1 1 1 1 1										
YEAR	МО	DAY	, 1	YEAR	MO	DAY				
2019	08	01	то	2019	08	31				

Reporting Frequency:	Monthly
DMR Effective From:	08/01/2019
DMR Effective To:	08/31/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	-

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	8.7	***	8.7	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	6.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	<2.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments									4	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

<b>DISCHARGE MONITORING REPORT (</b>	(DMR)
--------------------------------------	-------

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8		516778				
	PERM	MIT NU	MBER		OUTF	ALL NU	IMBER		
			MONITO	ORING	PERIOD				
	YEAR	МО	DAY	7	YEAR	МО	DAY		
FROM	2019	08	01	то	2019	08	31		

Reporting Frequency:	Monthly
DMR Effective From:	08/01/2019
DMR Effective To:	08/31/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QU	ANTITY OR LOAD	DING	QL	IANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	CAMPLING TVD	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE	
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	172	***	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report	
	Facility Parameter Comments	Sample date: Augu	ust 11, 2019								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	86	***	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report	
	Facility Parameter Comments	Sample date: Augu	ust 11, 2019.								
Flow (50050)	Sample Measurement	.0394	.0456	MGD	***	***	***	***	Continuous	Recorded	
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded	
Facility Sampling Point Comments	1										



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
August 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-09-11T11:58:57-04:00	
August 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-09-11T11:57:50-04:00	

### PERMIT VIOLATIONS

	I EKIMIT VIOLATIONO											
ı	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Ev	Event Start Date Event End Da	te Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sample date: August 11, 2019.	Edwin D. Jamieson III	T1655	(484)-746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY SREENPORT USER	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of	David Druffini	TELEPHO	DATE			
S			(717)	278-3444	2019	9	11
ruffinip	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: 8 (select number) Year: 2019 Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester Spray 3F-Wissahickon
ALS Environment Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: **November 30, 2021** Watershed:

Labo	Laboratories: ALS Er			ntal						-	This permit v	will ex	kpire on:	permit will expire on: November 30, 2021			
				1		I		l I		Ī		I		1			
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		- 1															
Week	Day	Stage Date	1 MGD	Q	1 mg/L	Q	1 mg/L	Q	1 CFU/100 ml	Q	1 S.U.	Q	ı	Q	1	Q	
week	Thu	8/1/19	0.1095	Q	IIIg/L	Q	IIIg/L	Q	CF0/100 IIII	Q	3.0.	- u	<u> </u>	<del>  Q</del>		Q	
	Fri	8/2/19	0.1095		<b></b>									-			
	Sat	8/3/19	0.1095		<b> </b>												
1	Sun	8/4/19	0.1095		<del></del>									+			
<b>-</b>	Mon	8/5/19	0.1093		<b></b>							1		+			
	Tue	8/6/19	0.161		<b></b>												
	Wed	8/7/19	0.101		<u> </u>												
	Thu	8/8/19	0.112									<del> </del>		+			
	Fri	8/9/19	0.1125									1		+			
	Sat	8/10/19	0.1125														
2	Sun	8/11/19	0.1125	<	2.0		6.0					1					
	Mon	8/12/19	0.1125	<u> </u>	2.0		0.0							-			
	Tue	8/13/19	0.1125					<	1.0			1		+			
	Wed	8/14/19	0.1125					⊢`	1.0			1		+			
	Thu	8/15/19	0.09762														
	Fri	8/16/19	0.09762									1		+			
	Sat	8/17/19	0.09762									<u> </u>					
3	Sun	8/18/19	0.09762											+			
	Mon	8/19/19	0.1085											+			
	Tue	8/20/19	0.1085											+			
	Wed	8/21/19	0.118								8.7			+			
	Thu	8/22/19	0.118								<u> </u>			+			
	Fri	8/23/19	0.118														
	Sat	8/24/19	0.118														
4	Sun	8/25/19	0.118											+			
H -	Mon	8/26/19	0.096									1		+			
	Tue	8/27/19	0.119									1		+			
	Wed	8/28/19	0.118									1					
	Thu	8/29/19	0.115									+					
	Fri	8/30/19	0.115									+		+			
	Sat	8/31/19	0.115									1		+			
5	- Cat	0/01/10	0.110											+			
														+			
												1		+			
														+			
														+			
					<b></b>												
Statist	ics for DMR	-															
	Daily Minimu			I	2	1	6	<	1	11	8.7			1		-	
	Daily Maxim			<	2		6	-	1		8.7	1					
N		ekly (Conc.):		<	2		6		<u> </u>		<del></del>	1		+			
		thly (Conc.):		<	2		6					1		+			
(		ean (Conc.):						<	1			1					
		ekly (Load):	0.117643	<	2		6					1					
		nthly (Load):	0.112177	<	2		6					1					
		nthly (Load):	3.477496	<	58		175					1					
		num (Load):	0.096	<	2		6					1					
	Daily Maxim	num (Load):	0.161	<	2		6					1					
								_				_	<u> </u>		•		

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	9/11/2019 11:28



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malvern	Hunt STP	Month: 8	(Select number)	Year:	2019
Municipality:	East Whiteland Township	County: Chester	r Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahicl		This permit	will expire on:	30-Nov-21	_

		Γ	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	Ī		Average	<del>- 1</del>
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
	Thu	8/1/19	0	54,750	54,750				- 7/	82	Dry
	Fri	8/2/19	0	54,750	54,750					81	Dry
	Sat	8/3/19	0	54,750	54,750						,
1	Sun	8/4/19	0	54,750	54,750						
	Mon	8/5/19	52,000	52,000	0					90	Dry
	Tue	8/6/19	80,500	80,500	0					92	Dry
	Wed	8/7/19	56,000	56,000	0					92	Dry
	Thu	8/8/19	56,000	56,000	0						
	Fri	8/9/19	56,250	56,250	0					90	Dry
	Sat	8/10/19	56,250	56,250	0						
2	Sun	8/11/19	56,250	56,250	0					77	Dry
	Mon	8/12/19	56,250	0	56,250					70	Dry
	Tue	8/13/19	56,250	0	56,250						
	Wed	8/14/19	56,250	0	56,250			0.20	Rain		
	Thu	8/15/19	48,812	0	48,812			0.20	Rain	87	Dry
	Fri	8/16/19	48,812	0	48,812						
	Sat	8/17/19	48,812	0	48,812						
3	Sun	8/18/19	48,812	0	48,812						
	Mon	8/19/19	0	54,250	54,250					94	Dry
	Tue	8/20/19	0	54,250	54,250						
	Wed	8/21/19	0	59,000	59,000					92	Dry
	Thu	8/22/19	0	59,000	59,000						
	Fri	8/23/19	0	59,000	59,000			0.10	Rain	75	Wet/Damp
	Sat	8/24/19	0	59,000	59,000						
4	Sun	8/25/19	0	59,000	59,000						
	Mon	8/26/19	48,000	48,000	0					74	Dry
	Tue	8/27/19	59,500	59,500	0					69	Dry
	Wed	8/28/19	59,000	59,000	0					75	Dry
	Thu	8/29/19	57,500	57,500	0					79	
	Fri	8/30/19	57,500	57,500	0						
	Sat	8/31/19	57,500	57,500	0						
5											
Ш	Mon	thly Totals:	1,116,248	1,374,750	986,498		<u> </u>	0.50			
		ax Weekly:	371,436	411,750	393,312	0	0	0.00			
Inch		eek (Max):		2.45	2.36	0.00	0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date: <b>9/1</b>	1/2019
	·		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

	+	100041	•		001								
	PERI	MIT NUI	MBER		OUTF	OUTFALL NUMBER							
		MONITORING PERIOD											
10	YEAR	МО	DAY		YEAR	МО	DAY						
FROM	ROM <b>2019</b>		01	то	2019	09	30						

Reporting Frequency:	Monthly
DMR Effective From:	09/01/2019
DMR Effective To:	09/30/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIC	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	8.3	***	8.3	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	4.6	***	mg/L	1/month	Grab
1	Permit Requirement	***	***	-	***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments									*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3					
	PERM	MIT NU	MBER		OUTFALL NUMBE							
	MONITORING PERIOD											
10	YEAR	МО	DAY		YEAR	МО	DAY					
FROM	2019	09	01	то	2019	09	30					
					_							

eporting Frequency:	Monthly
MR Effective From:	09/01/2019
MR Effective To:	09/30/2019
ermit Expires:	11/30/2021
ermit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QU	ANTITY OR LOAD	ING QUANTITY OR CONCENTRATION					SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	275	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Grab Monitor & Report  Grab Monitor & Report  Grab Monitor & Report  Recorded  Recorded
Total Suspended Solids (00530)	Sample Measurement	***	***	***	142	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0408	.0474	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Grab Monitor & Report Grab Monitor & Report Recorded
Facility Sampling Point Comments	Sample date: 9/9/2019.				-		+		-	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Sept 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-10-08T14:01:01-04:00	
Sept 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-10-08T14:02:26-04:00	

### PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Event Start Date	Event End Date	Substance Discharged	Event Location	Volume (gal) D	Duration (hrs) R	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Influent sample date: 9/9/2019.	Edwin D. Jamieson III	T1655	(484)-746-0895

#### SUBMISSION INFORMATION

SUBMITTED BY REENPORT USER		Paul Ruffini	TELEPHO	ONE		DATE	7
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of		(717)	278-3444	2019	10	8
ruffinip	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: 9 (select number) Year: 2019 Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester Spray 3F-Wissahickon
ALS Environment Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: **November 30, 2021** Watershed:

Laboratories: AL		ALS	S Environmental							-	This permit will expire on:			November 30, 2021			
														T			
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	9/1/19	0.12067									-		-			
	Mon	9/1/19	0.12067											+			
	Tue	9/3/19	0.12067														
	Wed	9/4/19	0.118														
	Thu	9/5/19	0.12														
	Fri	9/6/19	0.12														
	Sat	9/7/19	0.12														
2	Sun	9/8/19	0.12														
	Mon	9/9/19	0.12		4.6		5.0										
	Tue Wed	9/10/19 9/11/19	0.114 0.114					<	1.0					-			
-	Thu	9/11/19	0.114														
	Fri	9/12/19	0.1185														
	Sat	9/14/19	0.1185											+			
3	Sun	9/15/19	0.1185	$\vdash$										+			
	Mon	9/16/19	0.0415								8.3			+			
	Tue	9/17/19	0.0415														
	Wed	9/18/19	0.077														
	Thu	9/19/19	0.065														
	Fri	9/20/19	0.065														
	Sat	9/21/19	0.065														
4	Sun	9/22/19	0.065														
	Mon	9/23/19 9/24/19	0.06733 0.06733	$\vdash$													
-	Tue Wed	9/24/19	0.06733									-		+			
-	Thu	9/26/19	0.06735											+			
	Fri	9/27/19	0.06525	$\vdash$										+			
	Sat	9/28/19	0.06525														
5	Sun	9/29/19	0.06525														
	Mon	9/30/19	0.0465									1					
												1					
Static	tics for DMR			() = ()				V = 4		k = -:		8 - S		90 4 3	-		
Otatis	Daily Minimu				4.6		5	<	1		8.3						
	Daily Maxim				4.6		5	~	1		8.3			+			
	Max Avg Wee				4.6		5			$\vdash$		1		+			
	Avg Mon	thly (Conc.):			4.6		5					1					
	Geometric Me							<	1								
	Max Avg We		0.12		5		5										
		nthly (Load):	0.090383		5		5										
		nthly (Load): num (Load):	2.711497 0.0415		138 5		150 5					1		_			
		num (Load): num (Load):	0.0415		5	$\vdash$	5					1		-			
	Daily Waxiii	iuiii (Luau).	0.120000		J		J										

Prepared By:	Paul F. Ruffini	License No.:	S6899
Title:	Agent	Date:	10/8/2019 11:22



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: <b>9</b> (Select number)	Year: <b>2019</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahicl	<u>-</u>	This permit will expire on:	30-Nov-21

		i	Zono: 4	70no. 2	70no. 2	7onoi	I Zono:	T		Average	1
			Zone: 1 Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone: Acres:	Zone: Acres:	Precip	itation	Average Temp	
West	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches		°F	Ground Conditions
Week	Day	Date	Galions	Gallons	Gallons	Gallons	Galloris	inches	Туре	Г	Ground Conditions
$\vdash$											
$\vdash$											
1	Sun	9/1/19	60,333	0	60,333						
<b>⊩</b> ' +	Mon	9/2/19	60,333	0	60,333						
	Tue	9/3/19	60,333	0	60,333						
	Wed	9/4/19	59,000	0	59,000					80	Dry
	Thu	9/5/19	60,000	0	60,000					80	Dry
	Fri	9/6/19	60,000	0	60,000					00	ы
$\vdash$	Sat	9/7/19	60,000	0	60,000		+				
2	Sun	9/8/19	60,000	0	60,000		+				
<b> </b> -	Mon	9/9/19	00,000	60,000	60,000		+	+		80	Dry
$\vdash$	Tue	9/10/19	0	57,000	57,000		1			80	Dry
$\vdash$	Wed	9/11/19	0	57,000	57,000						
	Thu	9/12/19	0	59,250	59,250					86	Dry
	Fri	9/13/19	0	59,250	59,250					- 55	51,9
	Sat	9/14/19	0	59,250	59,250						
3	Sun	9/15/19	0	59,250	59,250						
	Mon	9/16/19	20,750	20,750	0					80	Dry
	Tue	9/17/19	20,750	20,750	0		1				
	Wed	9/18/19	38,500	38,500	0						
	Thu	9/19/19	32,500	32,500	0					74	Dry
	Fri	9/20/19	32,500	32,500	0						, i
	Sat	9/21/19	32,500	32,500	0						
4	Sun	9/22/19	32,500	32,500	0						
	Mon	9/23/19	33,666	0	33,666					76	Dry
	Tue	9/24/19	33,666	0	33,666						
	Wed	9/25/19	33,666	0	33,666					78	Dry
	Thu	9/26/19	32,625	0	32,625					76	Dry
	Fri	9/27/19	32,625	0	32,625						
	Sat	9/28/19	32,625	0	32,625						
5	Sun	9/29/19	32,625	0	32,625						
	Mon	9/30/19	0	23,250	23,250					76	Dry
		thly Totals:	921,497	644,250	1,145,747						
		ax Weekly:	419,999	351,750	419,999	0	0				
Inch	nes/Acre/W	eek (Max):	2.51	2.09	2.52	0.00	0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	10/8/2019
		_	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633
FACILITY:	MALVERN HUNT STP
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355
STAGE:	Final Effluent

		159941	8			001				
	PERM	MIT NU	MBER		OUTF	ALL NU	IMBER			
			MONITO	ORING	PERIOD					
10	YEAR	МО	DAY		YEAR	МО	DAY			
FROM	2019	10	01	то	2019	10	31			
	_						_			

eporting Frequency:	Monthly	
MR Effective From:	10/01/2019	
MR Effective To:	10/31/2019	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TIPE
pH (00400)	Sample Measurement	***	***	***	8.1	***	8.1	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	<5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	4.7	***	mg/L	1/month	Grab
1	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3
	PERM	MIT NU	MBER		OUTF	ALL NU	MBER
			MONITO	ORING	PERIOD		
10	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2019	10	01	то	2019	10	31

eporting Frequency:	Monthly	
MR Effective From:	10/01/2019	
MR Effective To:	10/31/2019	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QU	ANTITY OR LOAD	ING	QL	JANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPE	
FARAINETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	136	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	310	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.043	.067	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 10/7/19		-				÷		*	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Oct 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-11-11T14:25:53-05:00	
Oct 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-11-11T14:26:27-05:00	

#### **PERMIT VIOLATIONS**

- 1	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Ev	Event Start Date Event End Da	te Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
----------------------	-------------------------------	-----------------------------	-------------------------	----------------	--------------	----------------	------------------	------------------	--------------------	-----------------------------------	----------

### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
Raw influent sample date: 10/7/19	Edwin D. Jamieson III	T1655	(484)-746-0895

#### CLIDMICCION INFORMATION

SUBMITTED BY BREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of		(717)	278-3444	2019	11	11
ruffinip	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: **10** \_(select number) Year: 2019 Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester **Spray** Watershed: 3F-Wissahickon Renewal application due 180 days prior to expiration. Laboratories: ALS Environmental This permit will expire on: November 30, 2021

Laboratories: ALS Environmental										•	This permit w	vill ex	pire on:	Nove	ember 30, 2021		
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		pН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	,				J		Ğ										
		- 1 1															
1	Sun	9/29/19	0.06525														
	Mon Tue	9/30/19 10/1/19	0.0465 0.0465														
	Wed	10/1/19	0.0403														
	Thu	10/3/19	0.044														
	Fri	10/4/19	0.04														
	Sat	10/5/19	0.04														
2	Sun	10/6/19	0.04														
	Mon	10/7/19	0.04		4.7	<	5.0										
	Tue	10/8/19	0.041					<	1.0								
	Wed	10/9/19	0.0404														
	Thu Fri	10/10/19 10/11/19	0.0404 0.0404														
	Sat	10/11/19	0.0404														
3	Sun	10/12/19	0.0404											<u> </u>			
	Mon	10/13/19	0.035														
	Tue	10/15/19	0.0														1
	Wed	10/16/19	0.001								8.1						
	Thu	10/17/19	0.0														
	Fri	10/18/19	0.0														
	Sat	10/19/19	0.0														
4	Sun	10/20/19	0.0														
	Mon	10/21/19	0.0														
	Tue Wed	10/22/19 10/23/19	0.013 0.039														
	Thu	10/23/19	0.039														
	Fri	10/25/19	0.033														
	Sat	10/26/19	0.033														
5	Sun	10/27/19	0.033														
	Mon	10/28/19	0.05														
	Tue	10/29/19	0.05														
	Wed	10/30/19	0.05				-				<u> </u>						
	Thu	10/31/19	0.051														
	Fri	11/1/19 11/2/19	0.051 0.051														
Statist	Sat ics for DMR	11/2/19	0.031							K = 3	8	b 8					
Otatist	Daily Minimu	ım (Conc.):		h 1	4.7	<	5	<	1		8.1						
	Daily Maxim				4.7	<	5	· <	1		8.1						
ı	Max Avg Wee				4.7	<	5										
		thly (Conc.):			4.7	<	5										
	Geometric Me							<	1								
	Max Avg We		0.048		2	<	2										
	Avg Mor	nthly (Load):	0.03092		2	<	2										
		nthly (Load): num (Load):	0.9585 0		49 2	\ \	52 2										
	Daily Maxim		0.051		2	<	2			$\vdash \vdash$		-		-			
	- any maxim	(2000).	J.00 I		_		-							<u> </u>			i

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	11/11/2019 13:35



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP		Month:	10 (Select number)	Year:	2019
Municipality:	East Whiteland Township	County: Che	nester	Permit No	o.: <b>1599418</b>	Outfall:	Spray
Watershed:	3F-Wissahicl			This per	mit will expire on:	30-Nov-21	_

		i	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:			Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precin	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
WEEK	Day	Date	Gallons	Gallolis	Gallons	Gallons	Gallons	inches	туре		Ground Conditions
								1			
								<b>+</b>			
	Sun	9/29/19	32,625	0	32,625			<b>+</b>			
H . H	Mon	9/30/19	0	23,250	23,250					76	Dry
	Tue	10/1/19	0	23,250	23,250					70	— Біу
	Wed	10/2/19	0	22,000	22,000					93	Dry
	Thu	10/2/13	0	22,000	22,000					33	- Dry
	Fri	10/4/19	0	20,000	20,000					67	Dry
	Sat	10/5/19	0	20,000	20,000					0.	
2	Sun	10/5/19	0	20,000	20,000						
<del>-</del>	Mon	10/0/19	20,000	20,000	0					70	Dry
	Tue	10/8/19	20,500	20,500	0					74	Dry
	Wed	10/9/19	20,200	20,200	0			0.10	Rain	68	Wet
	Thu	10/3/13	20,200	20,200	0			0.10	- rain	- 50	***************************************
	Fri	10/11/19	20,200	20,200	0						
	Sat	10/11/19	20,200	20,200	0						
3	Sun	10/13/19	20,200	20,200	0						
	Mon	10/14/19	17,500	0	17,500					74	Dry
	Tue	10/15/19	0	0	0						
	Wed	10/16/19	500	0	500			0.30	Rain	65	Wet
	Thu	10/17/19	0	0	0					64	Dry
	Fri	10/18/19	0	0	0					<u> </u>	
	Sat	10/19/19	0	0	0						
4	Sun	10/20/19	0	0	0						
	Mon	10/21/19	0	0	0			0.30	Rain		
	Tue	10/22/19	0	6,500	6,500			0.10	Rain	64	Wet
	Wed	10/23/19	0	19,500	19,500			1		66	Dry
	Thu	10/24/19	0	16,500	16,500					65	Dry
	Fri	10/25/19	0	16,500	16,500						-
	Sat	10/26/19	0	16,500	16,500						
5	Sun	10/27/19	0	16,500	16,500						
	Mon	10/28/19	25,000	25,000	0					65	Dry
	Tue	10/29/19	25,000	25,000	0						, , , , , , , , , , , , , , , , , , ,
	Wed	10/30/19	25,000	25,000	0			0.40	Rain	70	Wet
	Thu	10/31/19	25,500	25,500	0			0.10		72	Wet
	Fri	11/1/19	25,500	25,500	0						
	Sat	11/2/19	25,000	25,500	0						
	Mon	thly Totals:	260,000	461,250	237,250			1.30			
		ax Weekly:	151,000	168,000	163,125	0	0		7		
Incl		eek (Max):	0.90	1.00	0.98	0.00	0.00	1			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	11/11/2019



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	5
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	3
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Final Effluent	

		159941	0		, .	001		
	PERM	MIT NU	MBER		OUTF	ALL NU	IMBER	
			MONITO	DRING	PERIOD			
100	YEAR	МО	DAY		YEAR	МО	DAY	
FROM	2019	11	01	то	2019	11	30	
	-				_		_	

Reporting Frequency:	Monthly	
MR Effective From:	11/01/2019	
OMR Effective To:	11/30/2019	
Permit Expires:	11/30/2021	
Permit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON	SAMPLING EDECLIENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE	
pH (00400)	Sample Measurement	***	***	***	7.79	***	7.79	S.U.	1/month	Grab	
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab	
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	13.0	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab	
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	<1	***	CFU/100 ml	1/month	Grab	
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab	
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	10.2	***	mg/L	1/month	Grab	
1	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab	
Facility Sampling Point Comments								*	*		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	0			510//8	•		
	PERM	MIT NU	MBER		OUTFALL NUMBER				
	Ι.		MONITO	DRING	PERIOD				
10	YEAR	МО	DAY	7	YEAR	МО	DAY		
FROM	2019	11	01	то	2019	11	30		

Reporting Frequency:	Monthly
MR Effective From:	11/01/2019
OMR Effective To:	11/30/2019
ermit Expires:	11/30/2021
Permit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QUANTITY OR LOADING		QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	277	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***	1	Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 11/1	1/2019							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	272	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 11/1	1/2019							
Flow (50050)	Sample Measurement	.0434	.0673	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
	Facility Parameter Comments	Sample date: 11/1	1/2019		-					
Facility Sampling Point Comments	7 3									



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Nov 2019 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2019-12-11T08:48:55-05:00	
Nov 2019 Land App Supp Form.pdf	Land Application Systems Form	2019-12-11T08:52:08-05:00	

### PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Event Start Date Event End Date Date and Time	ered Substance Event Location Discharged	Volume (gal) Duration (hrs) Receiving Waters Impact On W	Vaters Cause Of Discharge Date and Time DEP Notified Comments Orally
---	--	--	--

### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number	
	Edwin D. Jamieson III	T1655	(484)-746-0895	

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE	DATE		
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		(717)	278-3444	2019	12	11
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: **11** \_(select number) Year: 2019 Municipality: East Whiteland Twp. Permit No.: 1599418 Outfall: County: Chester **Spray** 3F-Wissahickon
ALS Environment Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: November 30, 2021 Watershed:

Labo	oratories:	ALS	S Environmental							-	This permit will expire on:			November 30, 2021			
1								$\overline{}$				$\overline{}$		T			
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
					Ū			$\Box$				$\overline{}$					
	Fri	11/1/19	0.051								 [						
	Sat	11/2/19	0.051														
1	Sun	11/3/19	0.051														
	Mon	11/4/19	0.052														
	Tue	11/5/19	0.052														
	Wed	11/6/19	0.052														
	Thu	11/7/19	0.051														
	Fri	11/8/19	0.051								<u> </u>						
	Sat	11/9/19	0.051														
2	Sun	11/10/19	0.051								 I						
	Mon	11/11/19	0.051		10.2		13.0				7.79						
	Tue	11/12/19	0.051					<	1.0								
	Wed	11/13/19	0.051														
	Thu	11/14/19	0.04575								 						
	Fri	11/15/19	0.04575					$\Box$									
	Sat	11/16/19	0.04575					$\Box$			 I						
3	Sun	11/17/19	0.04575			$\vdash$		$\Box$		$\Box$		+-		1			
	Mon	11/18/19	0.0394					$\vdash$									
	Tue	11/19/19	0.0394					$\vdash$		$\vdash$	 I	_		-			
	Wed	11/20/19	0.0394	$\vdash$				+		$\vdash$	i	+-	<del>                                     </del>	+		$\vdash \vdash \vdash$	
-	Thu	11/21/19	0.046					+		$\vdash$		+-				$\vdash \vdash$	
-	Fri	11/21/19	0.046					+		$\vdash$	i	+	<del>                                     </del>	-		$\vdash$	
	Sat	11/23/19	0.046					+-+			<u> </u>	-		+		$\vdash$	
4	Sun	11/23/19	0.046					+		$\vdash$		-				$\vdash$	
<b>-</b>	Mon	11/24/19	0.0505					+-+		$\vdash\vdash\vdash$		+		-		$\vdash \vdash \vdash$	
-	Tue	11/25/19	0.0505	$\vdash$		$\vdash$		+-+		$\vdash\vdash\vdash$		₩	<del> </del>	-		igwdapprox	
<b>I</b>	Wed	11/27/19	0.0505					+-+				<del>                                     </del>	<del> </del>	-		$\vdash$	
			0.05					+		$\vdash$						$\vdash$	
	Thu	11/28/19		$\vdash$		$\vdash$		++		$\sqcup$		—		_		╙	
	Fri	11/29/19	0.05					+-+	ļ	$\sqcup$		<u> </u>				<u> </u>	
 	Sat	11/30/19	0.0					$\sqcup$		$\sqcup$		<u> </u>					
5								$\sqcup \sqcup$	ļ	$\sqcup \sqcup$	<b> </b>	1	<b></b>			igsqcut	
<b>I</b>	ļ							$\sqcup$		igspace	<del></del>	<b>_</b>	<b></b>			igsqcut	
<b>I</b>				$oxed{oxed}$		$\Box$		igspace	ļ————	ш	<b> </b> -	↓	<b></b>			igsquare	
								oxdot		igsquare	<b> </b>	<b> </b>	<b>_</b>			igsqcut	
								igsquare	<u> </u>		<b></b>	1	<b></b>			igsqcut	
								Ш		igsquare	<u></u>					igsqcut	
	1		,: 1	g =	E			-		g = _g	8 =	g		u	1.		
Statis	tics for DMR		1				_										
	Daily Minimu			11 2 2 2 1	10.2		13	<	1	11	7.79			-11-	-		21
	Daily Maxim				10.2		13	<	1		7.79						
	Max Avg Wee			Ш	10.2		13	oxdot		Ш	<u></u>					$oxed{oxed}$	
		thly (Conc.):			10.2		13	oxdot									
	Geometric Me		0.05110					<	1	igsqcup	<u> </u>		<u></u>			$oxed{oxed}$	
	Max Avg We		0.05143	Ш	4		6	oxdot		Ш	<u> </u>					$oxed{oxed}$	
		nthly (Load):	0.04674	Ш	4		6	Ш		$oxed{oxed}$	<u> </u>						
		nthly (Load):	1.4022		130		166				<u> </u>						
	Daily Minimum (Load):		0 0.052		4		6				<u>.                                    </u>						
	Daily Maxim																

Prepared By:	Paul F. Ruttini	License No.:	S6899
Title:	Agent	Date:	12/11/2019 8:44



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 11 (Select number)	Year:	2019
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall:	Spray
Watershed:	3F-Wissahicl	-	This permit will expire on: 30	-Nov-21	

			7	1 7ama: 0	7	I 7	I 7	•		A	<del></del> 1
			Zone: 1	Zone: 2 Acres: 6.19	Zone: 3	Zone:	Zone:	Dunnin	.!!	Average	
[W1]	Davi	Data	Acres: 6.16		Acres: 6.15	Acres:	Acres:		itation	Temp °F	Ground Conditions
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	<i>*</i> F	Ground Conditions
		4.4.4.4.0	05.500	05.500							
	Fri Sat	11/1/19 11/2/19	25,500 25,500	25,500 25,500	0						
		11/2/19	25,500	25,500	0					F.1	Dn/
1	Sun									51	Dry
	Mon	11/4/19	26,000	0	26,000						
	Tue	11/5/19	26,000	0	26,000					58	Dry
	Wed	11/6/19	26,000	0	26,000					57	Dry
	Thu	11/7/19	25,500	0	25,500						
	Fri	11/8/19	25,500	0	25,500	5-					
	Sat	11/9/19	25,500	0	25,500						
2	Sun	11/10/19	25,500	0 25,500	25,500					40	Drai
$\parallel$	Mon Tue	11/11/19 11/12/19	0	25,500 25,500	25,500 25,500				1	48	Dry
				II .	III					40	
	Wed	11/13/19	0	25,500	25,500					40	Dry
	Thu	11/14/19	0	22,875	22,875					38	Dry
	Fri	11/15/19	0	22,875	22,875						
3	Sat	11/16/19 11/17/19	0	22,875 22,875	22,875 22,875						
3	Sun		*	•						40	D
	Mon	11/18/19 11/19/19	19,666 19,666	19,666 19,666	0					42	Dry
	Tue	11/19/19	19,666	19,666	0					4.4	D
$\vdash$	Wed				0					44	Dry
<b>I</b>	Thu	11/21/19	23,000	23,000	0					43	Dry
	Fri	11/22/19	23,000	23,000	0			0.50	<u> </u>		
	Sat	11/23/19	23,000	23,000	0			0.50	Rain		
4	Sun	11/24/19	23,000	23,000	0	5				4.4	D
	Mon	11/25/19	25,250	0	25,250					44	Dry
	Tue	11/26/19	25,250 25,000	0	25,250					46	Dm/
	Wed Thu	11/27/19 11/28/19	25,000	0	25,000 25,000					46	Dry
		11/28/19	25,000							40	Des
	Fri		·	0	25,000				-	40	Dry
	Sat	11/30/19	0	0	0					40	Dry
5				1							
				1							
ш	Mon	thly Totals:	532,998	395,498	473,500		<u> </u>	0.50	1		
		ax Weekly:	180,000	150,873	170,625		_	0.50	IJ		
Inak		eek (Max):	180,000	0.90	170,625	0.00	0 0.00				
IIICI	ICS/ACIE/VV	cek (IVIAX):	1.00	0.90	1.02	0.00	0.00	ll			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	12/11/2019
	-		



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

1599418
PERMIT NUMBER

FROM

001
OUTFALL NUMBER

MONITORING PERIOD										
YEAR	МО	DAY		YEAR	МО	DAY				
2019	12	01	то	2019	12	31				

Reporting Frequency: Monthly
DMR Effective From: 12/01/2019

DMR Effective To: 12/3
Permit Expires: 11/3

Permit Application Due:

No Discharge:

Monthly	
12/01/2019	
12/31/2019	
11/30/2021	
06/03/2021	
-	

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	4.	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments									*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3
	PERM	/IT NU	MBER		OUTF	ALL NU	MBER
			MONITO	ORING	PERIOD		
10	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2019	12	01	то	2019	12	31

Reporting Frequency:	Monthly
MR Effective From:	12/01/2019
OMR Effective To:	12/31/2019
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	267	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 12/9	9/2019							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	135	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 12/9	0/2019							
Flow (50050)	Sample Measurement	.0457	.0687	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
	Facility Parameter Comments	Sample date: 12/9	9/2019		-					
Facility Sampling Point Comments	Sample date: 12/9/2019									



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

	File Name				Attachment Type	Attachment Type Uploaded Time			ne	Attachment Comments				
ERMIT VIOLATION	S													
Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type Reported Value Permit Limit Unit Samplin				ing Point	Cause Of Nor	n-Compliance	Correct	ve Action	Co	omments
INAUTHORIZED DIS	SCHARGES													
Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discove	ed Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause O	f Discharge	Date and Time DE Orally	P Notified	Comments
OTHER PERMIT VIO	LATIONS		- 4.4		-				-					
Non-Compliance ID	N	lon-Compliance Type	e	Sampling	Point	Parameter			Reported Val	lue		Permit Limit	+	Comments
·	*	,				Turu	ameter							
COMMENT DETAILS	5	Comments	-			Operator Name	antetel		Operator Certificatio		1	- 1	or Contact Numbe	r
COMMENT DETAILS	2/9/2019		3	J			anetei		7		1	- 1	or Contact Numbe	ſ
COMMENT DETAILS	RMATION  *Pursuant to the electronic tra	Comments  e Pennsylvania ansaction with the	Electronic Transactine Commonwealth o	ons Act - Act 69, 6	effective January 15, 2	Operator Name Edwin D. Jamieson III 2002, you are about to ial information. You o	to engage in an		Operator Certificatio			- 1		r
COMMENT DETAILS Raw influent sample date: 12 SUBMISSION INFOR	*Pursuant to the electronic trapenalty of law to system design	Comments  e Pennsylvania ansaction with the	Electronic Transactine Commonwealth of the and all attachment qualified personne	ons Act - Act 69, e Pennsylvania. Y nts were prepared el gather and eval	effective January 15, 2	Operator Name  Edwin D. Jamieson III  2002, you are about to ial information. You cor supervision in accoubmitted. Based on y	to engage in an certify under cordance with a your inquiry of		Operator Certificatio	on Number		- 1	184)-746-0895	7



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	j
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Final Effluent	ì

			MONITO	DRING I	PERIOD	
	YEAR	МО	DAY		YEAR	МО
FROM	2020	01	01	то	2020	01
	_					_

OUTFALL NUMBER

**31** 

1599418
PERMIT NUMBER

Reporting Frequency:	Monthly	
MR Effective From:	01/01/2020	
OMR Effective To:	01/31/2020	
Permit Expires:	11/30/2021	
Permit Application Due:	06/03/2021	
lo Discharge:	IZI	

DADAMETED		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	4. h	
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3
	PERI	MIT NU	MBER		OUTF	ALL NU	MBER
			MONITO	ORING	PERIOD		
10	YEAR	МО	DAY	7	YEAR	МО	DAY
FROM	2020	01	01	то	2020	01	31

Reporting Frequency:	Monthly
DMR Effective From:	01/01/2020
DMR Effective To:	01/31/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAWIPLING ITPE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	316	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 1/13	/20.							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	190	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 1/13/20.								
Flow (50050)	Sample Measurement	.0438	.0580	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 1/13/20.				-					



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

File Name			Atta	Attachment Type			Uploaded Time				Attachment Comments			
ERMIT VIOLATIONS														
Non-Compliance ID	Event Start Date Event End Date Parameter Limit Type Reported			Reported Value	d Value Permit Limit Unit Sampling			ng Point Cause Of Non-Compliance			Correct	Corrective Action Comments		
NAUTHORIZED DIS	CHARGES													
Non-Compliance ID	Event Start Date			Event Location Volume (gal)		Duration (hrs)	Receiving Waters In	mpact On Waters	Waters Cause Of Discharge		Date and Time DEP Notified Orally		Comments	
THER PERMIT VIO	ATIONS	- 4.4												
Non-Compliance ID Non-Compliance Type Sampling Poir					nt Parameter			Reported Value				Permit Limit Comments		
COMMENT DETAILS  Comments				Operator Name			Operator Certification Number			_	Operator Contact Number			
				_				U,		mber				
						win D. Jamieson III		, o	T1655	mber			r Contact Number 34)-746-0895	
SUBMISSION INFOR	MATION							O,		mber	T.			
SUBMITTED BY	*Pursuant to the Pennsylvania electronic transaction with t	he Commonwealth of	Pennsylvan	ia. You are sub	Eduction Eduction   Inuary 15, 200   Inuary official	win D. Jamieson III  2, you are about information. You	certify under		T1655	TELEPHONE				
SUBMISSION INFOR SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania	he Commonwealth of ent and all attachmer at qualified personne	Pennsylvan ts were prep I gather and	ia. You are sub ared under you evaluate the int	nuary 15, 200 mitting official ir direction or s formation subi	win D. Jamieson III  2, you are about information. You supervision in accomitted. Based on	certify under cordance with a your inquiry of	Paul Ruffin	T1655	TELEPHONE	278-3444		34)-746-0895	13



### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)**

EAST WHITELAND TWP CHESTER CNTY **209 CONESTOGA RD, FRAZER PA, 19355-1633** MALVERN HUNT STP LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

NAME:

ADDRESS:

FACILITY:

1599418
PERMIT NUMBER

FROM

OUTFALL NUMBER

		MONITO	DRING	PERIOD		
YEAR	МО	DAY		YEAR	МО	DAY
2020	02	01	то	2020	02	29

Reporting Frequency: Monthly DMR Effective From: 02/01/2020 DMR Effective To: 02/29/2020

Permit Expires: 11/30/2021 Permit Application Due: 06/03/2021

No Discharge:

 $\square$ 

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				CAMPLING EDECLIENCY	CAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
рН (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	1, 1	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments									4	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Influent	7

		159941	8			516778	3
	PERM	/IT NU	MBER		OUTF	ALL NU	IMBER
			MONITO	ORING	PERIOD		
10	YEAR	МО	DAY	7	YEAR	МО	DAY
FROM	2020	02	01	то	2020	02	29

Reporting Frequency:	Monthly
DMR Effective From:	02/01/2020
DMR Effective To:	02/29/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QU	ANTITY OR LOAD	DING	QL	IANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYP
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
ochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	491	***	***	mg/L	1/month	Grab
3,000	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample Date: 2/10	)/20.							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	146	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample Date: 2/10	)/20.							
Flow (50050)	Sample Measurement	.0429	.0503	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample Date: 2/10/20.	•								



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

	File Name				Att	achment Type			Uploaded Tim	ne		,	Attachment Comments			
ERMIT VIOLATIONS	s															
Non-Compliance ID	ID Event Start Date Event End Date Parameter Limit Type Reported Value Permit Limit Unit								g Point	Cause Of Non-0	Compliance	liance Corrective Action			Comments	
NAUTHORIZED DIS	SCHARGES															
Non-Compliance ID	Event Start Date Eve	ent End Date	Date and Time Discov		tance Ev arged	vent Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of	f Discharge	Date and Time DEI Orally	P Notified	Comments	
THER PERMIT VIOL	LATIONS															
Non-Compliance ID	Non-Co	Compliance Type	+1	Sa	mpling Point	7	Para	ameter		Reported Value	9		Permit Limit	7	Comments	
												<i></i>				
OMMENT DETAILS		Comments			1		Operator Name		0	Operator Certification	Number	1	Operato	or Contact Numb	oer	
OMMENT DETAILS		Comments					Operator Name win D. Jamieson III		O	Operator Certification T1655	Number	1	•	or Contact Numb	per	
OMMENT DETAILS	С	Comments							0	<u> </u>	Number		•		per	
	MATION  *Pursuant to the Pe electronic transa	ennsylvania E action with th	e Commonwealth	of Pennsylvai	nia. You are sub	Edvanuary 15, 200 pmitting official	win D. Jamieson III  2, you are about information. You	certify under		T1655	Number TELEPHC	DNE	•		per	
JBMISSION INFOR	MATION  *Pursuant to the Pe electronic transar penalty of law that to system designed to	ennsylvania E action with th this docume to assure tha	e Commonwealth nt and all attachm	of Pennsylvar ents were pre nel gather and	nia. You are sub epared under yo d evaluate the ir	anuary 15, 200 omitting official ur direction or softermation subi	win D. Jamieson III  2, you are about information. You supervision in accomitted. Based on	certify under cordance with a your inquiry of	o Paul Ruffir	T1655		ONE 278-3444	•	184)-746-0895	oer 09	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

EAST WHITELAND TWP CHESTER CNTY
209 CONESTOGA RD, FRAZER PA, 19355-1633
MALVERN HUNT STP

SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

NAME:

ADDRESS:

FACILITY:

LOCATION:

1599418
PERMIT NUMBER

FROM

001
OUTFALL NUMBER

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 2020
 03
 01
 TO
 2020
 03
 31

Reporting Frequency:

DMR Effective From:

DMR Effective To:

Permit Expires:

Permit Application Due:

No Discharge:

Monthly
03/01/2020
03/31/2020
11/30/2021
06/03/2021

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIC	N	SAMPLING EDECHENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	- i	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments									*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	5
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	Š
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Influent	7

	-	<b>159941</b> ИТ NU			<b>*</b>	<b>516778</b> ALL NU	
			MONITO	DRING	PERIOD		
	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2020	03	01	то	2020	03	31

Reporting Frequency:	Monthly
Reporting Frequency.	Monthly
DMR Effective From:	03/01/2020
DMR Effective To:	03/31/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QU.	ANTITY OR LOAD	ING	QU	IANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
iochemical Oxygen Demand (BOD5) (00310)		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING I TP
ochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	120	***	***	mg/L	1/month	Grab
ostromaa oxygen oornane (2000) (ccc.c)	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 3/9/2	2020							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	47	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 3/9/2	2020							
Flow (50050)	Sample Measurement	.0507	.0719	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 3/9/2020	•								



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

	File Name		161		Att	achment Type		1	Uploaded Tim	ne		,	Attachment Comments		
ERMIT VIOLATIONS	s														
Non-Compliance ID	Event Start Date Even	nt End Date	Parameter	Limit Type	Reported Value	d Value Permit Limit Unit Sampling				g Point Cause Of Non-Compliance			Corrective Action		
INAUTHORIZED DIS	SCHARGES														
Non-Compliance ID	Event Start Date Even	nt End Date	Date and Time Disco		tance Ev arged	ent Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of	f Discharge	Date and Time DEI Orally	P Notified	Comments
THER PERMIT VIOL	LATIONS		-0.7												
Non-Compliance ID	Non-Con	mpliance Type	+ +	Sa	mpling Point	7	Para	ameter		Reported Value	•		Permit Limit		Comments
OMMENT DETAILS		omments			1	C	Operator Name		0	Operator Certification	Number	1	Operato	or Contact Numb	er
OMMENT DETAILS		omments					Operator Name vin D. Jamieson III		0	Operator Certification T1655	Number		•	or Contact Numb	er
COMMENT DETAILS	Со	omments			İ				0	<u> </u>	Number		•		er
	MATION  *Pursuant to the Pen electronic transac	nnsylvania E	e Commonwealth	of Pennsylvai	nia. You are sub	Edw anuary 15, 2002 omitting official	vin D. Jamieson III  2, you are about information. You	certify under		T1655	Number TELEPHC	DNE	•		er
UBMISSION INFOR	MATION  *Pursuant to the Pen electronic transac penalty of law that the system designed to	nnsylvania E ction with the his docume o assure tha	e Commonwealth nt and all attachm	of Pennsylvar ents were pre nel gather and	nia. You are sub pared under you d evaluate the ir	Edwarty 15, 2002 committing official is ur direction or suformation subn	2, you are about information. You upervision in acontited. Based on	certify under cordance with a your inquiry of	o Paul Ruffir	T1655		ONE 278-3444	•	184)-746-0895	er 09



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

NAME:	EAST WHITELAND TWP CHESTER CNTY	5
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	3
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Final Effluent	

PERI	MIT NU	MBER		OUTF	ALL NU	IMBER
		MONITO	DRING	PERIOD		
YEAR	МО	DAY		YEAR	МО	DAY
2020	04	01	то	2020	04	30
	YEAR	YEAR MO	YEAR MO DAY	MONITORING YEAR MO DAY	MONITORING PERIOD YEAR MO DAY YEAR	MONITORING PERIOD YEAR MO DAY YEAR MO

Reporting Frequency:	Monthly
DMR Effective From:	04/01/2020
DMR Effective To:	04/30/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUA	NTITY OR LOA	DING	QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	7.4	***	7.4	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	17.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	10.7	***	mg/L	1/month	Grab
1	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3
	PERI	MIT NU	MBER		OUTF	ALL NU	IMBER
			MONITO	DRING	PERIOD		
100	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2020	04	01	то	2020	04	30
					_		-

Reporting Frequency:	Monthly
DMR Effective From:	04/01/2020
DMR Effective To:	04/30/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QU	ANTITY OR LOAD	DING	QU	IANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYP	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	130	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 4/13	/2020							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	87	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 4/13	/2020							
Flow (50050)	Sample Measurement	.0543	.0977	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 4/13/2020									



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Apr 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-05-11T13:46:09-04:00	
Apr 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-05-11T13:46:44-04:00	

#### PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

-													
	Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

#### OTHER PERMIT VIOLATIONS

No	on-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
		·					

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the	- uu ru	(717)	278-3444	2020	05	11
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	(select number)	Year:	2020
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:	1599418	Outfall:	Spray
Watershed:	3F-Wissahickon			Renewal appl	ication due 180 d	ays prior to exp	iration.
Laboratories:	ALS Environmental			This permit wi	Il expire on:	November 30, 20	)21

Labo	ratories:	ALS	Environme	ıııaı							This permit v	VIII E	cpire on.	NOV	ember 30, 202 <sup>-</sup>		
Y																	
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		pН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
1	Sun	3/29/20	0.0														
	Mon	3/30/20	0.0														
-	Tue	3/31/20	0.0														
	Wed	4/1/20	0.0														
	Thu Fri	4/2/20 4/3/20	0.0									_		-			
	Sat	4/3/20	0.0														
2	Sun	4/4/20	0.066									-					
F-	Mon	4/6/20	0.067														
	Tue	4/7/20	0.024														
	Wed	4/8/20	0.024														
	Thu	4/9/20	0.024														
	Fri	4/10/20	0.04533														
	Sat	4/11/20	0.04533														
3	Sun	4/12/20	0.04533														
	Mon	4/13/20	0.034		10.7		17.0				7.4						
	Tue	4/14/20	0.034					<	1.0								
	Wed	4/15/20	0.07														
	Thu	4/16/20	0.07														
	Fri	4/17/20	0.07333														
L.	Sat	4/18/20	0.07333														
4	Sun	4/19/20	0.07333							$\vdash$		_					
	Mon Tue	4/20/20 4/21/20	0.0715 0.0715														
	Wed	4/21/20	0.0715														
	Thu	4/23/20	0.0685									-					
	Fri	4/24/20	0.06433														
	Sat	4/25/20	0.06433							Н							
5	Sun	4/26/20	0.06433														
	Mon	4/27/20	0.0745									l					
	Tue	4/28/20	0.0745														
	Wed	4/29/20	0.069														
	Thu	4/30/20	0.0785														
	Fri	5/1/20	0.0785														
1000000	Sat	5/2/20	0.0785	-		-		-		-			-	-		-	
Statist	ics for DMR	10															
	Daily Minim				10.7		17	<	1		7.4			-		1.1	
	Daily Maxim				10.7 10.7		17 17	٧	1		7.4						
r	Max Avg Wee	thly (Conc.):			10.7		17										
(	Avg Mon Geometric Me				10.7		17	<	1			<u> </u>		-	-	<b>-</b>	
	Max Avg We		0.073976	$\vdash$	3		5	$\vdash$	•	$\vdash$		$\vdash$		1	<b> </b>		
		nthly (Load):	0.055949		3		5					$\vdash$			<b> </b>		
		nthly (Load):	1.678479		91		145										
		num (Load):	0		3		5					l					
	Daily Maxim	ium (Load):	0.14		3		5										
												_		_	•		

Prepared By:	Paul F. Ruffini	License No	.: S6899
Title:	Agent	Date:	5/11/2020 11:27

3800-FM-WSFR0449 Rev. 5/2010



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malveri	n Hunt STP	Month:4_ (Select number)	Year: <b>2020</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahic	•	This permit will expire on:	30-Nov-21

			Zone: 1	Zono: 2	Zone: 3	Zone:	Zone:	<u> </u>		Average	
			Acres: 6.16	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone: Acres:	Acres:	Precin	itation	Average Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
week	Day	Date	Gallons	Gallons	Gallons	Galions	Gallons	inches	туре		Ground Conditions
$\vdash$											
$\parallel$											
1	Sun	3/29/20	0	0	0						
⊩'⊢	Mon	3/30/20	0	0	0					65	Dm/
$\vdash$	Tue	3/30/20	0	0	0					00	Dry
$\vdash$	Wed	4/1/20									
$\vdash$		4/1/20	0	0	0					50	D
	Thu Fri	4/2/20	0	0	0					50	Dry
				-						47	
	Sat	4/4/20	70,000	70,000	0					47	Dry
2	Sun Mon	4/5/20 4/6/20	33,000 33,500	33,000 33,500	0					F0	Dry
$\vdash$	Tue	4/6/20	12,000	12,000	0					58 65	Dry
				·						00	Diy
	Wed	4/8/20	12,000	12,000	0						
$\vdash$	Thu	4/9/20	12,000	12,000	0						
$\vdash$	Fri	4/10/20	22,666	22,666	0					34	Dry
	Sat	4/11/20	22,666	22,666 22,666	0						
3	Sun	4/12/20	22,666	,	-			0.50			<b>NA</b> (
	Mon	4/13/20	17,000	0	17,000			0.50	Rain	78	Wet
	Tue	4/14/20	17,000	0	17,000					50	
	Wed	4/15/20	35,000	0	35,000					58	Dry
	Thu	4/16/20	35,000	0	35,000						_
	Fri	4/17/20	36,665	0	36,665					56	Dry
	Sat	4/18/20	36,665	36,665	0						
4	Sun	4/19/20	36,665	36,665	0						
	Mon	4/20/20	35,750	35,750	0						
$\blacksquare$	Tue	4/21/20	35,750	35,750	0						
	Wed	4/22/20	0	34,250	34,250					55	Dry
	Thu	4/23/20	0	34,250	34,250						
	Fri	4/24/20	0	32,166	32,166			0.40	Rain	50	Wet
	Sat	4/25/20	0	32,166	32,166						
5	Sun	4/26/20	0	32,166	32,166						
	Mon	4/27/20	0	37,250	37,250			0.10	Rain	41	Wet
	Tue	4/28/20	0	37,250	37,250						
	Wed	4/29/20	0	34,500	34,500					66	Dry
	Thu	4/30/20	0	39,375	39,375					54	Dry
	Fri	5/1/20	0	39,375	39,375						
	Sat	5/2/20	39,375	0	39,375						
		hly Totals:	525,993	698,701	454,038			1.00			
		ax Weekly:	199,996	240,997	259,291	0	0		-		
Inch	es/Acre/W	eek (Max):	1.20	1.43	1.55	0.00	0.00	l			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	5/11/2020
	· · · · · · · · · · · · · · · · · · ·		•



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

<b>DISCHARGE MONITORING REPORT (I</b>	DMR)
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1599418

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

	PERM	MIT NU	MBER		OUTFALL NUMBER							
M	MONITORING PERIOD											
10	YEAR	МО	DAY		YEAR	МО	DAY					
ROM	2020	05	01	то	2020	05	31					

eporting Frequency:	Monthly
MR Effective From:	05/01/2020
MR Effective To:	05/31/2020
ermit Expires:	11/30/2021
ermit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QUANTITY OR LOADING			Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	7.6	***	7.6	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 21.0	***	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	12.4	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments										



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	-
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	3
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STAGE:	Influent	

	-	<b>159941</b> MIT NU			OUTF	<b>516778</b> ALL NU						
	MONITORING PERIOD											
10	YEAR	МО	DAY	7	YEAR	МО	DAY					
FROM	2020	05	01	то	2020	05	31					

Reporting Frequency:	Monthly
DMR Effective From:	05/01/2020
DMR Effective To:	05/31/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QU	ANTITY OR LOAD	DING	QU	IANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMI LING I I I
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	281	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***	1	Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 5/11	/2020.							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	280	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 5/11	/2020.							
Flow (50050)	Sample Measurement	.0497	.0621	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 5/11/2020.	•								



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
May 2020 Eff Mon Supp Form.xls.pdf	Daily Effluent Monitoring Form	2020-06-09T11:44:23-04:00	
May 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-06-09T11:43:35-04:00	

#### **PERMIT VIOLATIONS**

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Event Start Date Event End Date Date and Time	ered Substance Event Location Discharged	Volume (gal) Duration (hrs) Receiving Waters Impact On W	Vaters Cause Of Discharge Date and Time DEP Notified Comments Orally
---	--	--	--

#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
1						

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER		Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the	- 44. (4.11.11.11	(717)	278-3444	2020	06	09
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month: 5 (select number	Year: <b>2020</b>	
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.: <b>1599418</b>	Outfall: Spray	
Watershed:	3F-Wissahickon			Renewal application due 180	days prior to expiration.	,
Laboratories:	ALS Environmental			This permit will expire on:	November 30, 2021	

Labo	ratories:	ALS	Environme	ntai						•	This permit will expire on:				November 30, 2021		
		Parameter	Flow		CBOD5		TSS	F€	ecal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	Fri	5/1/20	0.0785														
	Sat	5/2/20	0.0785														
1	Sun	5/3/20	0.0785														
	Mon	5/4/20 5/5/20	0.118 0.0965											-			
	Tue Wed	5/6/20	0.0965														
$\vdash$	Thu	5/7/20	0.0965											1			
$\vdash$	Fri	5/8/20	0.09225														
╟─┤	Sat	5/9/20	0.09225											1			
2	Sun	5/10/20	0.09225														
┢╧╢	Mon	5/11/20	0.09		12.4		37.0	<	1.0		7.6			1			
	Tue	5/12/20	0.0925														
$\ \cdot\ $	Wed	5/13/20	0.0925											1			
	Thu	5/14/20	0.08525														
	Fri	5/15/20	0.08525														
	Sat	5/16/20	0.08525														
3	Sun	5/17/20	0.08525														
	Mon	5/18/20	0.1075														
	Tue	5/19/20	0.1075														
	Wed	5/20/20	0.092			<	5.0										
	Thu	5/21/20	0.092														
	Fri	5/22/20	0.09233														
	Sat	5/23/20	0.09233														
4	Sun	5/24/20	0.09233														
<u> </u>	Mon	5/25/20	0.0895														
	Tue	5/26/20 5/27/20	0.0895 0.092														
$\vdash$	Wed Thu	5/27/20	0.092														
$\vdash$	Fri	5/29/20	0.092														
$\vdash$	Sat	5/30/20	0.08767											-			
5	Sun	5/31/20	0.08767											+			
₽Ť		0/01/20	0.001.01											1			
														-			
Н														<del>                                     </del>			
														1			
														1			
			8 9	1 51		H = 1					1						
Statisti	cs for DMR	- 1															
	Daily Minimu		-		12.4	<	5	<	1	Ya	7.6				Pa-	r:	
	Daily Maxim				12.4		37	<	1		7.6						
M	lax Avg Wee				12.4		37										
_		thly (Conc.):			12.4	<	21							1			
	Geometric Me		0.095559		9		28	<	1					1			
ı	Max Avg We		0.095559											1			
		nthly (Load): nthly (Load):	2.833497		9 289	<	16 490							1			
	Daily Minim		0.0785		9	<	4							1			
	Daily Maxim		0.118		9		28							1			
	,	(=300).			-									1			

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	6/9/2020 11:34



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malvern	Hunt STP		Month: 5	(Select number)	Year:	2020
Municipality:	East Whiteland Township	County:	Chester	Permit No.:	<sup>-</sup> 1599418	Outfall:	Spray
Watershed:	3F-Wissahicl			 This permit	will expire on:	30-Nov-21	_

Acres: 6.16 Acres: 6.19 Acres: 6.15 Acres: Acres: Precipitation Temp				Zone:	1	Zone:	2	Zone:	3	Zone:		Zone:	<u> </u>		Average	
Fri   51/120					6.16								Pred	ipitation		
Fri 6/1/20 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 39,375 0 63,375 0 63,375 0 63,375 0 63,375 0 64,375 0 66,375 0	Week	Day	Date	II							;			-		<b>Ground Conditions</b>
Sat   50/20   39,376   0   39,376   0   39,376																
1   Sun   5/3/20   39,375   0   39,375   0   63     Mon   5/4/20   48,250   0   48,250   66     Wed   5/6/20   48,250   0   48,250   66     Thu   5/7/20   46,125   0   46,125   0   46,125     Sat   5/9/20   46,125   0   46,125   0     Mon   5/4/120   46,125   0   46,125   0     Mon   5/4/120   46,125   0   46,125   0     Thu   5/7/20   46,125   0   46,125   0     Mon   5/4/120   46,250   46,250   0     Thu   5/14/20   46,250   46,250   0     Thu   5/14/20   42,625   42,625   0     Thu   5/14/20   42,625   42,625   0     Sat   5/6/20   42,625   42,625   0     Thu   5/14/20   42,625   42,625   0     Sat   5/16/20   42,625   42,625   0     Thu   5/14/20   42,625   42,625   0     Sat   5/16/20   42,625   42,625   0     Tue   5/19/20   0   53,750   53,750     Tue   5/19/20   0   45,000   46,000     Thu   5/14/20   0   46,000   46,000     Thu   5/14/20   0   46,000   46,000     Thu   5/20   0   44,750   0   44,750   0     Thu   5/20/20   43,833   0   43,833   0     Sat   5/30/20		Fri				39,3	75									
Mon		Sat				0										
Tue   5/5/20	1	Sun	5/3/20	39,375	5	0										
Wed   Si6/20		Mon				0										Dry
Thu   57/20		Tue				0									66	Dry
Fri   5/8/20																
Sat 5/9/20 46,125 0 46,125 0 46,125 0 0 46,125 0 0 16,125 0 0 0 0 0 0.20 Rain 52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				46,125	5										64	Dry
2 Sun 5/10/20 46,125 0 46,125 0 0 46,125																
Mon   5/11/20																
Tue 5/12/20 46,250 46,250 0 0 0 65 1/3/20 46,250 46,250 0 0 0 65 1/3/20 46,255 42,625 0 0 65 1/3/20 42,625 42,625 0 0 65 1/3/20 42,625 42,625 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2															
Wed   5/13/20   46,250   46,250   0   0   0   0   0   0   0   0   0								II .					0.20	Rain	52	Wet
Thu 5/14/20 42,625 42,625 0 665  Fri 5/15/20 42,625 42,625 0 0																
Fri 5/15/20 42,625 42,625 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																
Sat         5/16/20         42,625         42,625         0           3         Sun         5/17/20         0         42,625         42,625         42,625           Mon         5/18/20         0         53,750         53,750         53,750         53,750           Tue         5/19/20         0         45,000         46,000         62           Thu         5/21/20         0         46,000         46,000         62           Fri         5/22/20         0         46,166         46,166         0.30         Rain         65           Sat         5/23/20         0         46,166															65	Dry
3   Sun   5/17/20   0   42,625   42,625								II .								
Mon   5/18/20   0   53,750   53,750					5											
Tue 5/19/20 0 53,750 53,750 62  Wed 5/20/20 0 46,000 46,000 62  Thu 5/21/20 0 46,000 46,000 0 0.30 Rain 65  Sat 5/23/20 0 46,166 46,166 64,166 0 0.30 Rain 65  Sat 5/24/20 0 46,166 46,166 0 0.30 Rain 65  Tue 5/26/20 44,750 0 44,750 0 66  Tue 5/26/20 44,750 0 44,750 0 66  Wed 5/27/20 46,000 0 46,000 777  Thu 5/28/20 46,000 0 46,000 0 777  Thu 5/28/20 43,833 0 43,833 0 0.10 Rain 77  Sat 5/30/20 43,833 0 43,833 0 0.10 Rain 77  Sat 5/30/20 43,833 0 43,833 0 0.10 Rain 77  Monthly Iotals: 99/,124 685,3/3 1,151,/4/	3			<b>II</b>												
Wed         5/20/20         0         46,000         46,000         62           Thu         5/21/20         0         46,000         46,000         0         65           Fri         5/22/20         0         46,166         46,166         0.30         Rain         65           Sat         5/23/20         0         46,166 <td< td=""><td></td><td></td><td></td><td>II</td><td></td><td></td><td></td><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				II												
Thu         5/21/20         0         46,000         46,000           Fri         5/22/20         0         46,166         46,166           Sat         5/23/20         0         46,166         46,166           4         Sun         5/24/20         0         46,166         46,166           Mon         5/25/20         44,750         0         44,750         66           Tue         5/26/20         44,750         0         44,750         77           Wed         5/27/20         46,000         0         46,000         77           Thu         5/28/20         43,833         0         43,833         0.10         Rain         77           Sat         5/30/20         43,833         0         43,833         0.10         Rain         77           Sat         5/31/20         43,833         0         43,833         0         43,833           5         Sun         5/31/20         43,833         0         43,833         0         43,833           5         Sun         5/31/20         43,833         0         43,833         0         43,833         0	$\vdash$			•											62	Dry
Fri         5/22/20         0         46,166         46,166         0.30         Rain         65           Sat         5/23/20         0         46,166         44,750         44,750         44,750         44,750         44,750         44,750         44,750         46,000         66         77         78 <t< td=""><td><math>\vdash</math></td><td></td><td></td><td><b>II</b></td><td></td><td></td><td></td><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td>02</td><td>Diy</td></t<>	$\vdash$			<b>II</b>											02	Diy
Sat         5/23/20         0         46,166         46,166         46,166         46,166         46,166         46,166         46,166         46,166         46,166         46,166         66 <t< td=""><td><math>\vdash</math></td><td></td><td></td><td>_</td><td></td><td></td><td></td><th></th><td></td><td></td><td></td><td></td><td>0.30</td><td>Pain</td><td>65</td><td>Dry</td></t<>	$\vdash$			_									0.30	Pain	65	Dry
4         Sun         5/24/20         0         46,166         46,166         66           Mon         5/25/20         44,750         0         44,750         66           Tue         5/26/20         44,750         0         44,750         0           Wed         5/27/20         46,000         0         46,000         77           Thu         5/28/20         46,000         0         46,000         77           Fri         5/29/20         43,833         0         43,833         0.10         Rain         77           Sat         5/30/20         43,833         0         43,833         0         10         <													0.30	Naiii	03	ыу
Mon       5/25/20       44,750       0       44,750       66         Tue       5/26/20       44,750       0       44,750       0         Wed       5/27/20       46,000       0       46,000       77         Thu       5/28/20       46,000       0       46,000         Fri       5/29/20       43,833       0       43,833       0.10       Rain       77         Sat       5/30/20       43,833       0       43,833       0       43,833       0       43,833       0       43,833       0       43,833       0       43,833       0       43,833       0       0       43,833       0       0       43,833       0	1															
Tue 5/26/20 44,750 0 44,750 0 777  Wed 5/27/20 46,000 0 46,000 777  Thu 5/28/20 46,000 0 46,000 0 777  Fri 5/29/20 43,833 0 43,833 0 0.10 Rain 77  Sat 5/30/20 43,833 0 43,833 0 43,833 0 770  Sun 5/31/20 43,833 0 43,833 0 43,833 0 770  Monthly Totals: 997,124 685,373 1,151,747	<del>                                     </del>				0										66	Dry
Wed       5/27/20       46,000       0       46,000       77         Thu       5/28/20       46,000       0       46,000       0         Fri       5/29/20       43,833       0       43,833       0.10       Rain       77         Sat       5/30/20       43,833       0       43,833       0       10																,
Thu 5/28/20 46,000 0 46,000 0 10 10 10 10 10 10 10 10 10 10 10 1															77	Dry
Fri 5/29/20 43,833 0 43,833 0 0.10 Rain 77 Sat 5/30/20 43,833 0 43,833 0 43,833 0 5 Sun 5/31/20 43,833 0 43,833 0 5 Sun 5/31/20 43,833 0 5 Sun 5/31/20 43,833 0 5 Sun 5/31/20 5 Sun 5/31		Thu				0		-								,
Sat 5/30/20 43,833 0 43,833 5 Sun 5/31/20 43,833 0 43,833 5 Sun 5/31/20 43,833 0 43,833 5 Sun 5/31/20 5 Sun 5/31/20 Sun 5/31/20 5 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 Sun 5/31/20 S		Fri				0		-					0.10	Rain	77	Damp
Monthly Totals: 997,124 685,373 1,151,747 0.60		Sat	5/30/20			0							1			'
Monthly Totals: 997,124 685,373 1,151,747 0.60	5	Sun	5/31/20	43,833	3	0		43,8	833							
Max Weekly: 333,250 334,457 334,457 0 0			-	II		,							0.60			
										-		-				
Inches/Acre/Week (Max): 1.99 1.99 2.00 0.00 0.00	Incl	nes/Acre/W	eek (Max):	1.99		1.9	9	2.0	00	0.00		0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	6/9/2020



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

	PERM	MIT NU	MBER		OUTFALL NUMBER									
	MONITORING PERIOD													
10	YEAR	МО	DAY		YEAR	МО	DAY							
FROM	2020	06	01	то	2020	06	30							

Reporting Frequency:	Monthly
DMR Effective From:	06/01/2020
DMR Effective To:	06/30/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING EDECLIENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMI LING THE
pH (00400)	Sample Measurement	***	***	***	6.91	***	6.91	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab Grab Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	7.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments			4					+		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516//8							
	PERM	MIT NU	MBER		OUTF	OUTFALL NUMBER							
	MONITORING PERIOD												
100	YEAR	МО	DAY		YEAR	МО	DAY						
FROM	2020	06	01	то	2020	06	30						
							-						

Reporting Frequency:	Monthly
DMR Effective From:	06/01/2020
DMR Effective To:	06/30/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QU	ANTITY OR LOAD	NTITY OR LOADING		IANTITY OR C	ONCENTRATIO	SAMPLING FREQUENCY	SAMPLING TYPI	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMIFLING TIFE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	337	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 6/17	/20							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	488	***	***	mg/L	1/month	
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 6/17	/20							
Flow (50050)	Sample Measurement	.0480	.0562	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	1	-			1					



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
June 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-07-15T15:24:33-04:00	
June 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-07-15T15:25:10-04:00	

#### **PERMIT VIOLATIONS**

1	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Event Start Date Event End Date Date and Time	ered Substance Event Location Discharged	Volume (gal) Duration (hrs) Receiving Waters Impact On W	Vaters Cause Of Discharge Date and Time DEP Notified Comments Orally
---	--	--	--

#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		(717)	278-3444	2020	07	15
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	Malvern Hunt STP			Month:	6	(select number)	Year:	2020
Municipality:	East Whiteland Twp.	County:	Chester	Permit No.:		9418	Outfall:	Spray
Watershed:	3F-Wissahickon			Renewal app	olica	tion due <u>180 d</u> a	ys prior to expir	ration.
Laboratories:	ALS Environmental			This permit v	vill e	xpire on:	November 30, 20	21

Labo	ratories:	ALS	Environme	ntai						•	This permit v	viii ex	pire on:	Nov	ember 30, 202	1	
		Parameter	Flow		CBOD5		TSS	F€	ecal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
		E /0.4 /0.0	0.00707											-			
1	Sun	5/31/20	0.08767											-			
	Mon	6/1/20 6/2/20	0.1025 0.1025											-			
	Tue Wed	6/3/20	0.1025											1			
	Thu	6/4/20	0.0925											-			
	Fri	6/5/20	0.0925											1			
<b> </b>	Sat	6/6/20	0.082											1			
2	Sun	6/7/20	0.082	$\vdash$		$\vdash$		$\vdash$		$\vdash$		$\vdash$		+	<del> </del>		
	Mon	6/8/20	0.1065		7.0	<	5.0				6.91			1			
	Tue	6/9/20	0.1065		7.0	$\vdash$	3.0	<	1.0		0.51			1	<del> </del>		<del>                                     </del>
	Wed	6/10/20	0.092					È	1.0								
	Thu	6/11/20	0.09375														
	Fri	6/12/20	0.09375														
	Sat	6/13/20	0.09375														
3	Sun	6/14/20	0.09375														
	Mon	6/15/20	0.092														
	Tue	6/16/20	0.092														
	Wed	6/17/20	0.0925														
	Thu	6/18/20	0.0925														
	Fri	6/19/20	0.08167														
	Sat	6/20/20	0.08167														
4	Sun	6/21/20	0.08167														
	Mon	6/22/20	0.108														
	Tue	6/23/20	0.108														
	Wed	6/24/20	0.092														
	Thu	6/25/20	0.0845														
	Fri	6/26/20	0.0845														
	Sat	6/27/20	0.0845														
5	Sun	6/28/20	0.0845														
	Mon	6/29/20	0.09233														
	Tue	6/30/20	0.09233														
		-	5	l :		k — 1		0.5	-								
	cs for DMR	- 3															
	Daily Minimu				7	<	5	<	1	12	6.91						
	Daily Maxim				7	<	5	<	1		6.91			1	ļ		
IV	lax Avg Wee					<	5							1			
,	Avg Mont Beometric Me	thly (Conc.):			7	<	5	<	1					-			
	Max Avg We		0.095464		6	<	4	$\vdash$	'					1			
1		thly (Load):	0.093404		6	\ 	4							1			
		ithly (Load):	2.760664		187	<	133							1			
	Daily Minim		0.081666		6	~	4							1			
	Daily Maxim		0.108		6	<	4							1			
	,a	(=300).			Ţ.		•					1					

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	7/15/2020 15:03



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malvern Hunt S	ТР	Month: 6 (Select number)	Year: <b>2020</b>
Municipality:	East Whiteland Township Cou	nty: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahicl	<u> </u>	This permit will expire on:	30-Nov-21

		1	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	<del></del>		Average	<u> </u>
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
1	,							1	- 7/		
								-			
								1			
1	Sun	5/31/20	43,833	0	43,833			1			
	Mon	6/1/20	51,250	51,250	0					65	Dry
	Tue	6/2/20	51,250	51,250	0						,
	Wed	6/3/20	46,250	46,250	0			0.20	Rain	85	Damp
	Thu	6/4/20	46,250	46,250	0			0.40	Rain	87	Wet
	Fri	6/5/20	41,000	41,000	0			0.40	Rain	75	Wet
	Sat	6/6/20	41,000	41,000	0						
2	Sun	6/7/20	41,000	41,000	0			İ			
	Mon	6/8/20	0	53,250	53,250					68	Dry
	Tue	6/9/20	0	53,250	53,250						
	Wed	6/10/20	0	46,000	46,000					76	Wet
	Thu	6/11/20	0	46,875	46,875			0.20	Rain		
	Fri	6/12/20	0	46,875	46,875						
	Sat	6/13/20	0	46,875	46,875						
3	Sun	6/14/20	0	46,875	46,875						
	Mon	6/15/20	46,000	0	46,000					79	Dry
	Tue	6/16/20	46,000	0	46,000						
	Wed	6/17/20	46,250	0	46,250					80	Dry
	Thu	6/18/20	46,250	0	46,250						
	Fri	6/19/20	40,833	0	40,833					84	Dry
	Sat	6/20/20	40,833	3	40,833						
4	Sun	6/21/20	40,833	0	40,833						
	Mon	6/22/20	54,000	54,000	0					82	Dry
	Tue	6/23/20	54,000	54,000	0						
	Wed	6/24/20	46,000	46,000	0					85	Dry
	Thu	6/25/20	42,250	42,250	0					83	Dry
	Fri	6/26/20	42,250	42,250	0						
	Sat	6/27/20	42,250	42,250	0						
5	Sun	6/28/20	42,250	42,250	0						
	Mon	6/29/20	0	46,166	46,166					78	Dry
	Tue	6/30/20	0	46,166	46,166						
				<u> </u>							
	Ř Á	+blv	047.000	4 073 334	730 994			1 4 700		<u> </u>	
		thly Totals:	947,999	1,073,335	739,331		1	1.20			
ام ما		ax Weekly:	321,583	334,125	313,041	0	0				
incr	ies/acre/vv	eek (Max):	1.92	1.99	1.87	0.00	0.00	<u>_</u>			

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	7/15/2020
	·	_	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

		159941	8			001	
	PERI	MIT NUI	MBER		OUTF	ALL NU	IMBER
			MONITO	DRING	PERIOD		
	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2020	07	01	то	2020	07	31

Reporting Frequency:	Monthly
DMR Effective From:	07/01/2020
DMR Effective To:	07/31/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUA	NTITY OR LOA	DING	Q	JANTITY OR C	ONCENTRATIC	ON	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	8.3	***	8.3	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	3.8	***	mg/L	1/month	Grab
	Permit Requirement	***	***	-	***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments								*	*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

516778

**OUTFALL NUMBER** 

МО

07

DAY

31

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

			MONITO	DRING F	PERIO
	YEAR	МО	DAY		YEAR
FROM	2020	07	01	то	2020

1599418

PERMIT NUMBER

Reporting Frequency:	Monthly
DMR Effective From:	07/01/2020
OMR Effective To:	07/31/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QU	ANTITY OR LOAD	ING	QL	JANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMI LING I II L	
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	235	***	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report	
Total Suspended Solids (00530)	Sample Measurement	***	***	***	243	***	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report	
Flow (50050)	Sample Measurement	.0494	.0726	MGD	***	***	***	***	Continuous	Recorded	
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***	4	Continuous	Recorded	
Facility Sampling Point Comments	Sample date: 7/13/20.		-				÷		*		



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
July 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-08-11T09:43:15-04:00	
July 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-08-11T09:43:53-04:00	

#### PERMIT VIOLATIONS

1	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments	

#### **UNAUTHORIZED DISCHARGES**

-													
	Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		(717)	278-3444	2020	08	11
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: 7 Year: 2020 (select number) Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester **Spray** Renewal application due 180 days prior to expiration. Watershed: 3F-Wissahickon Laboratories: ALS Environmental This permit will expire on: November 30, 2021

Labo	Laboratories: ALS Environmental								-	This permit w	vill ex	cpire on:	Nov	ember 30, 202	1		
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Ctarra	4		1		1		1		1						
Week	Day	Stage Date	1 MGD	Q	1 mg/L	Q	1	Q	CFU/100 ml	Q	1 S.U.	Q	T	Q	1	Q	
week	Бау	Date	MIGD	Q	mg/L	Q	mg/L	Q	CF0/100 IIII	Q	5.0.	Q		H Q		Q	
-														1			
1	Sun	6/28/20	0.0845	$\vdash$										+			
l <del>⊩</del> ∸	Mon	6/29/20	0.09233														
	Tue	6/30/20	0.09233											+			
	Wed	7/1/20	0.09233														
	Thu	7/2/20	0.123	$\vdash$													
	Fri	7/3/20	0.09233														
	Sat	7/4/20	0.09233														
2	Sun	7/5/20	0.09233									1		1			
	Mon	7/6/20	0.092														
	Tue	7/7/20	0.0925											1			
	Wed	7/8/20	0.0925									1					
	Thu	7/9/20	0.09225														
	Fri	7/10/20	0.09225														
	Sat	7/11/20	0.09225														
3	Sun	7/12/20	0.09225														
	Mon	7/13/20	0.092		3.8	<	5.0										
	Tue	7/14/20	0.092					<	1.0								
	Wed	7/15/20	0.092														
	Thu	7/16/20	0.0925														
	Fri	7/17/20	0.0925														
	Sat	7/18/20	0.0925														
4	Sun	7/19/20	0.0925														
	Mon	7/20/20	0.092														
	Tue	7/21/20	0.092														
	Wed	7/22/20	0.092														
	Thu	7/23/20	0.073														
	Fri	7/24/20	0.0														
	Sat	7/25/20	0.0														
5	Sun	7/26/20	0.0														
	Mon	7/27/20	0.112														
	Tue	7/28/20	0.0935								8.3						
	Wed	7/29/20	0.0935														
	Thu	7/30/20	0.09225														
	Fri	7/31/20	0.09225	$\sqcup \sqcup$										1		<u> </u>	
Contin	Sat	8/1/20	0.09225	81-11			14			k = s	3		A =	4			g =
Statist	tics for DMR	(0,		, ,	2.0						0.0						
		um (Conc.):			3.8	<	5	<	1 1		8.3						
	Daily Maxim Max Avg Wee				3.8 3.8	<	5 5	<	1		8.3			1			
'		thly (Conc.):			3.8	<	5							1			
	Avg Mon Geometric Me				ა.0	<	อ	<	1					1			
	Max Avg We		0.095595	$\vdash$	3	<	4	<b>⊢`</b>	•			-		+		-	
		nthly (Load):	0.084414	$\vdash$	3	<	4			$\vdash$				1			
		nthly (Load):	2.616832		90	<	119										
		num (Load):	0		3	<	4							+			
		num (Load):	0.123	$\vdash$	3	<	4			$\vdash$				1			
	,	,,.			-		•						I.	1	I	1	

Prepared By:	Paul F. Ruffini	License No.	: <b>S6899</b>
Title:	Agent	Date:	8/10/2020 15:28



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: <b>7</b> (Select number)	Year: <b>2020</b>	)
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spra	y
Watershed:	3F-Wissahicl		This permit will expire on:	30-Nov-21	

		1	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:			Average	
		1	Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precir	oitation	Temp	1
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
Week	Day	Date	Gallotis	Gallotts	Galions	Galions	Gallotis	inches	rype		Ground Conditions
$\parallel$	!	<del>                                     </del>	<b> </b>	<del> </del> '	<u> </u>	<del> </del>	<del>-</del>	<del>-</del>	<del>                                     </del>	<b> </b>	<del>                                     </del>
$\parallel$		<del>                                     </del>	<b>{</b> '	<del> </del> '	<b> </b>	<del> </del>	+	<b></b> '	<del> </del>	<b>-</b>	<del> </del>
	Sun	6/28/20	42,250	42,250	0	<del> </del>	+	'	<del>                                     </del>	<b>_</b>	<del> </del>
<u> </u>	Mon	6/29/20	0	46,166	46,166	<u> </u>	+	'	<del>                                     </del>		<del> </del>
$\parallel$	Tue	6/29/20	0	46,166	46,166	1	_				<del> </del>
$\parallel \rightarrow$	Wed	7/1/20	0	46,166	46,166	1		<u> </u>	-		<del> </del>
$\parallel \rightarrow$	Thu	7/1/20	0	61,500	61,500	<del> </del>	-	<b>_</b>	-	74	Dry
$\vdash$	Fri	7/3/20	0	46,166	46,166	<del> </del>	+	'	<del>                                     </del>	91	Dry
$\vdash\!$	Sat	7/4/20	0	46,166	46,166	<b>├</b> ───	+	<b></b>	<del>                                     </del>	31	- Di у
2	Sun	7/4/20	0	46,166	46,166	<b> </b>		<u> </u>	<del>                                     </del>		<b> </b>
<b>-</b>	Mon	7/6/20	46,000	46,166	46,100	<b>4</b>	+	0.50	Rain	85	Wet
$\vdash \vdash$	Tue	7/7/20	46,250	0	46,250	<b></b>		0.50	Ivaiii	88	Dry
$\vdash \vdash$	Wed	7/8/20	46,250	0	46,250	<u> </u>		<u> </u>	<del>                                     </del>	00	ыу
$\parallel$		7/8/20	46,250 46,125	0	46,250 46,125	<u> </u>			-	00	Dry
$\parallel \rightarrow \parallel$	Thu	7/9/20	46,125		46,125	<u> </u>				88	Dry
$\Vdash$	Fri Sat	7/10/20	46,125 46,125	0	46,125 46,125	<b>_</b>	<u> </u>	<b></b> '	<del>                                     </del>	<u> </u>	<b> </b>
3	Sat	7/11/20	46,125 46,125	0	46,125 46,125	<b>_</b>	<u> </u>	<b></b> '	<del>                                     </del>	<u> </u>	<b> </b>
$\parallel$		7/12/20	46,000	II I		<u> </u>			<b>↓</b>	0.5	<u> </u>
$\Vdash$	Mon Tue	7/13/20	46,000 46,000	46,000 46,000	0	4			<b>↓</b>	85	Dry
$\vdash \vdash$	Wed	7/14/20	46,000	46,000	0	4	<u> </u>	<b></b> '	<b>↓</b>	85	Dry
$\Vdash$			•	II I		4	<del> </del>		<b>↓</b>		•
$\Vdash$	Thu	7/16/20	46,250	46,250	0	<b></b>	<del> </del>		<b>↓</b>	85	Dry
$\Vdash$	Fri	7/17/20	46,250	46,250	0	<b></b>	<b></b>		<u> </u>	<u> </u>	<b>∮</b> ————————————————————————————————————
	Sat	7/18/20	46,250	46,250	0	<b> </b>	<b>_</b>	<u> </u>	<u> </u>		<b> </b>
4	Sun	7/19/20 7/20/20	46,250 0	46,250 46,000	0	<b></b>	<b></b>	<u> </u>	<b>↓</b>	00	Dr./
$\parallel$	Mon		-	II I	46,000	<u> </u>	<b>_</b>		<u> </u>	88	Dry
$\parallel$	Tue	7/21/20	0	46,000	46,000					93	Dry
	Wed	7/22/20	0	46,000	46,000			0.50	L Doin	20	Dama
$\parallel$	Thu	7/23/20	0	36,500	36,500	<b></b>		0.50	Rain	89	Damp
	Fri	7/24/20	0	0	0	<b></b>					<b> </b>
$\parallel$	Sat	7/25/20	0	0	0	<b></b>			<b>↓</b>	<u> </u>	<b> </b>
5	Sun	7/26/20	0	0	0	<b></b>		'	↓		L
$\parallel$	Mon	7/27/20	56,000	0	56,000 46,750	<b></b>		'	↓	97	Dry
	Tue	7/28/20	46,750	0	46,750	<b></b>		_ <b>_</b> '	<b>↓</b>	92	Dry
	Wed	7/29/20	46,750	0	46,750	<b></b>			<b>↓</b>		L
	Thu	7/30/20	46,125	0	46,125	ļ				90	Dry
	Fri	7/31/20	46,125	0	46,125						<b></b>
	Sat	8/1/20	46,125	0	46,125	<u> </u>	<u> </u>	100	<u> </u>		<u>i</u>
		nthly Totals:		743,664	985,414	ļ		1.00	]		
		lax Weekly:		334,580	323,041	0	0		_		
Incr	nes/Acre/W	Veek (Max):	1.93	1.99	1.93	0.00	0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date: 8/	10/2020
	<u> </u>		



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

OUTFALL NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

YEAR MO DAY YEAR MO	DAY
FROM <b>2020 08 01</b> TO <b>2020 08</b>	31

1599418

PERMIT NUMBER

Reporting Frequency:	Monthly
DMR Effective From:	08/01/2020
DMR Effective To:	08/31/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TIPE
pH (00400)	Sample Measurement	***	***	***	7.7	***	7.7	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 24	***	CFU/100 ml	2/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	3.8	***	mg/L	1/month	Grab
(	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments								-	*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3
	PERM	MIT NU	MBER		OUTF	ALL NU	MBER
			MONITO	DRING	PERIOD		
10	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2020	08	01	то	2020	08	31

eporting Frequency:	Monthly	
MR Effective From:	08/01/2020	
MR Effective To:	08/31/2020	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
o Discharge:		

PARAMETER		QUANTITY OR LOADING			QL	JANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING I TP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	231	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	89	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.0511	.0949	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	11						÷		*	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Aug 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-09-15T09:09:08-04:00	
Aug 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-09-15T09:09:49-04:00	

#### **PERMIT VIOLATIONS**

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Event Start Date	Event End Date	Substance Discharged	Event Location	Volume (gal) D	Duration (hrs) R	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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#### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number	
	Edwin D. Jamieson III	T1655	(484)-746-0895	

SUBMITTED BY SREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE	DATE		
ruffinip	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the		(717)	278-3444	2020	09	15
	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DA



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: 8 (select number) Year: 2020 Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester **Spray** 3F-Wissahickon
ALS Environment Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: November 30, 2021 Watershed:

Labo	oratories:	This permit will expire on: November 30, 2021															
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q	1	Q	Ι	Q	
							_										
	Sat	8/1/20	0.09225														
1	Sun	8/2/20	0.09225														
	Mon	8/3/20	0.09233														
	Tue	8/4/20	0.09233														
	Wed	8/5/20	0.09233														
	Thu	8/6/20	0.092														
	Fri	8/7/20	0.093														
	Sat	8/8/20	0.093														
2	Sun	8/9/20	0.093														
	Mon	8/10/20	0.0965		3.8	<	5.0										
	Tue	8/11/20	0.0965						590.0								
	Wed	8/12/20	0.084														
	Thu	8/13/20	0.09175														
	Fri	8/14/20	0.09175														
	Sat	8/15/20	0.09175														
3	Sun	8/16/20	0.09175														
	Mon	8/17/20	0.002														
	Tue	8/18/20	0.0					<	1.0								
	Wed	8/19/20	0.0	П													
	Thu	8/20/20	0.103														
	Fri	8/21/20	0.0														
	Sat	8/22/20	0.0														
4	Sun	8/23/20	0.0														
	Mon	8/24/20	0.125														
	Tue	8/25/20	0.0														
	Wed	8/26/20	0.125								7.7						
	Thu	8/27/20	0.064														
	Fri	8/28/20	0.064														
	Sat	8/29/20	0.064														
5	Sun	8/30/20	0.064														
	Mon	8/31/20	0.005									1					
				П								Ī					
												Ī					
												1					
												1					
	:11:			1011 1	E			<u>.</u>			8	s		40	-		1:
Statis	tics for DMR		1														
	Daily Minimu	um (Conc.):		h = 1	3.8	<	5	<	1	ilt	7.7			-10	it =	-	1
	Daily Maxim				3.8	<	5		590		7.7	1					
	Max Avg Wee				3.8	<	5										
		thly (Conc.):			3.8	<	5										
	Geometric Me							<	24								
	Max Avg We		0.092464		3	<	4										
		nthly (Load):	0.0675		3	<	4										
		nthly (Load):	2.092499		95	<	125										
		num (Load):	0		3	<	4										
	Daily Maxim	num (Load):	0.125	oxdot	3	<	4					1					

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	9/14/2020 15:30



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malverr	n Hunt STP	Month: 8 (Select number)	Year: <b>2020</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahicl		This permit will expire on:30	0-Nov-21

		(	7200: 4	1 7ana: 0	72001 2	T 7200	1 7ana:			Averes	<del></del>
		ŗ	Zone: 1	Zone: 2 Acres: 6.19	Zone: 3 Acres: 6.15	Zone:	Zone:	Brooir	-!totlon	Average Temp	1
TWO IS		<del>- Data</del>	Acres: 6.16			Acres:	Acres:		oitation		Crawad Conditions
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
$\parallel$	!	<b></b> '	1	<b>1</b> '	<u> </u>	<u> </u>	<del>                                     </del>	<u>-</u> !	<b></b>	<b></b>	4
$\parallel$	Sat	8/1/20	46,125	0	46,125	<u> </u>	<b>↓</b>	<b></b> ′	<b>↓</b>	<b></b>	4
	Sun	8/2/20	46,125	0	46,125		<b></b>	<b></b> '	<b>↓</b>	<b></b>	<del> </del>
<b> </b>			•	II I	1		<del> </del>	<b></b> '	<b> </b>		<del> </del>
$\parallel$	Mon	8/3/20 8/4/20	46,166	46,166	0		<del></del>	<b></b> '	ļ		<del>                                     </del>
⊩	Tue		46,166	46,166	0		<del></del>	<b></b> ′	ļ		<b> </b>
⊩	Wed	8/5/20 8/6/20	46,166 46,000	46,166	0	<b>I</b>	<del> </del>	<b></b> '	<u> </u>		<del> </del>
	Thu Fri	8/6/20 8/7/20	46,000 46,500	46,000 46,500	0	<b></b>	<del>                                     </del>	<b></b> '	<b></b>	<u> </u>	<del> </del>
⊩						<b> </b>	<del>                                     </del>	<b></b> ′	ļ	<u> </u>	<del> </del>
	Sat	8/8/20	46,500	46,500	0	<b> </b>	<b></b>	<b></b> ′	<u> </u>	<u> </u>	<b>↓</b> ∥
2	Sun	8/9/20 8/10/20	46,500	46,500	0	<b></b>	<b></b>	<b></b> '	<u> </u>	00	
$\parallel$	Mon		0	48,250	48,250		<b></b>	<b></b> '	<u> </u>	90	Dry
$\parallel \perp \downarrow$	Tue	8/11/20	0	48,250	48,250			<u> </u>	<u> </u>		4
$\parallel$	Wed	8/12/20	0	42,000	42,000			0.30	Rain	86	Damp
	Thu	8/13/20	0	45,875	45,875			0.10	Rain	77	Damp
	Fri	8/14/20	0	45,875	45,875			<b></b>	ļ		1
	Sat	8/15/20	0	45,875	45,875						4
3	Sun	8/16/20	0	45,875	45,875	<u> </u>	<u> </u>	<b></b> '	<u> </u>	<u> </u>	<u> </u>
	Mon	8/17/20	1,000	0	1,000		<u> </u>	<b></b> '	<u> </u>	78	Dry
	Tue	8/18/20	0	0	0		<u> </u>		<u> </u>		<u> </u>
	Wed	8/19/20	0	0	0				<u> </u>	84	Dry
	Thu	8/20/20	51,500	0	51,500					84	Dry
	Fri	8/21/20	0	0	0						1
	Sat	8/22/20	0	0	0						1
4	Sun	8/23/20	0	0	0						
	Mon	8/24/20	0	62,500	62,500					86	Dry
	Tue	8/25/20	0	0	0						<u> </u>
	Wed	8/26/20	0	62,500	62,500					80	Dry
	Thu	8/27/20	0	32,000	32,000					84	Dry
	Fri	8/28/20	0	32,000	32,000						
	Sat	8/29/20	0	32,000	32,000						
5	Sun	8/30/20	0	32,000	32,000			<u> </u>			
	Mon	8/31/20	2,500	2,500	0			I		74	Dry
		1 <sup></sup>						<u> </u>			
		<u> </u>	1	<u> </u>				T			
		1									
		ſ <u></u>		<u> </u>							
			1								
		nthly Totals:		901,498	719,750			0.40			
		lax Weekly:		322,625	276,125	0	0		•		
Inch	nes/Acre/W	/eek (Max):	1.93	1.92	1.65	0.00	0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	9/14/2020
	<del>-</del>		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

		159941	8		001				
	PERI	MIT NUI	MBER		OUTF	ALL NU	IMBER		
			MONITO	ORING I	PERIOD				
	YEAR	МО	DAY		YEAR	МО	DAY		
FROM	2020 09		01	то	2020	09	30		

eporting Frequency:	Monthly	
MR Effective From:	09/01/2020	
MR Effective To:	09/30/2020	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
o Discharge:		

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	ON	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TIPE	
рН (00400)	Sample Measurement	***	***	***	8.3	***	8.3	S.U.	1/month	Grab	
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab	
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	14.0	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab	
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	64	***	CFU/100 ml	1/month	Grab	
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab	
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	6.0	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab	
Facility Sampling Point Comments								*	*		



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

	PERM	MIT NU	MBER		OUTF	ALL NU	MBER
	Ι.,		MONITO	ORING	PERIOD		
100	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2020	09	01	то	2020	09	30

516778

Reporting Frequency:	Monthly
DMR Effective From:	09/01/2020
DMR Effective To:	09/30/2020
Permit Expires:	11/30/2021
Permit Application Due:	06/03/2021
No Discharge:	П

PARAMETER		QU	ANTITY OR LOAD	ING	QU	ANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYP
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	329	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 9/7/	20.							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	440	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 9/7/	20.							
Flow (50050)	Sample Measurement	.0452	.0635	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
	Facility Parameter Comments	Sample date: 9/7/	20.							
Facility Sampling Point Comments	Sample date: 9/7/20.									



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DISCHARGE MONITORING REPORT (DMR)

#### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Sept 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-10-13T11:25:28-04:00	
Sept 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-10-13T11:26:01-04:00	

#### **PERMIT VIOLATIONS**

Г	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

#### **UNAUTHORIZED DISCHARGES**

Non-Compliance ID Ev	Event Start Date Event End Da	te Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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#### OTHER PERMIT VIOLATIONS

ı,	Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
							_

#### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the	Tudi Kullili	(717)	278-3444	2020	10	13
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Year: Facility Name: Malvern Hunt STP Month: 9 (select number) 2020 Municipality: East Whiteland Twp. Permit No.: 1599418 Outfall: County: Chester Spray Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: November 30, 2021 Watershed: 3F-Wissahickon Laboratories: ALS Environmental

Labo	ratories:	ALS	Environme	ntal						•	This permit v	vill ex	cpire on:	Nov	ember 30, 202	1	
		Parameter	Flow		CBOD5		TSS	F∈	ecal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q	I	Q	1	Q	
					J.		<u> </u>							+			
1	Sun	8/30/20	0.064														
	Mon	8/31/20	0.005														
	Tue	9/1/20	0.0														
	Wed	9/2/20	0.1185														
	Thu	9/3/20	0.1185	$\sqcup$										1			
	Fri	9/4/20	0.08														
	Sat Sun	9/5/20	0.0											1			
2	Mon	9/6/20 9/7/20	0.1095		6.0		14.0										
	Tue	9/8/20	0.1095	$\vdash$	0.0		14.0		64.0					+			
-	Wed	9/9/20	0.092	$\vdash$					04.0					1			
	Thu	9/10/20	0.121														
	Fri	9/11/20	0.0											+			
	Sat	9/12/20	0.0											1			
3	Sun	9/13/20	0.0	$\vdash$										1			
	Mon	9/14/20	0.119														
	Tue	9/15/20	0.118														
	Wed	9/16/20	0.09467														
	Thu	9/17/20	0.09467														
	Fri	9/18/20	0.09467														
	Sat	9/19/20	0.0														
4	Sun	9/20/20	0.0675														
	Mon	9/21/20	0.0675														
	Tue	9/22/20	0.118														
	Wed	9/23/20	0.118														
	Thu	9/24/20	0.11267														
	Fri	9/25/20	0.11267											1			
5	Sat Sun	9/26/20 9/27/20	0.11267 0.164								8.3						
5	Mon	9/27/20	0.164	$\vdash$							0.3			1			
	Tue	9/29/20	0.11175	$\vdash$				<u> </u>						1			
<b> </b>	Wed	9/30/20	0.11175	$\vdash$		$\vdash$								1			
	Thu	10/1/20	0.11175														
	Fri	10/1/20	0.005											1			
	Sat	10/3/20	0.0		.=												(1
Statist	ics for DMR																
	Daily Minimu	um (Conc.):		1	6		14		64	H = 4	8.3			1		-	
	Daily Maxim	um (Conc):			6		14		64		8.3						
1	Max Avg Wee				6		14										
		thly (Conc.):			6		14										
	Geometric Me		0./0/55						64		·						
	Max Avg We		0.101285	Ш	5		13										
		nthly (Load):	0.082608		5		13										
		nthly (Load): num (Load):	2.478246 0	$\sqcup$	164 5		384 13							1			
		num (Load): num (Load):	0.164	$\vdash \vdash$	5 5	$\vdash$	13	<u> </u>		$\vdash \vdash$							
	Daily MaxIII	iuiii (Ludu).	J. 104		J		נו								<u>I</u>		

Prepared By:	Paul F. Ruttini	License No.:	S6899
Title:	Agent	Date:	10/13/2020 10:52



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: <b>9</b> (Select number)	Year: <b>2020</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahicl	-	This permit will expire on:	30-Nov-21

Neek   Day   Date   Callons   Call	Average Temp °F	Ground Conditions
Name		Ground Conditions
1 Sun 8/30/20 0 32,000 32,000  Mon 8/31/20 2,500 2,500 0  Tue 9/1/20 0 0 0 0  Wed 9/2/20 59,250 59,250 0  Thu 9/3/20 59,250 59,250 0  Fri 9/4/20 40,000 40,000 0  Sat 9/5/20 0 0 0 0 0  Sat 9/5/20 0 0 0 0 0  Mon 9/7/20 54,750 0 54,750  Tue 9/8/20 54,750 0 54,750  Wed 9/9/20 46,000 0 46,000  Thu 9/10/20 60,500 0 0 60,500  Sat 9/12/20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
Mon         8/31/20         2,500         2,500         0           Tue         9/1/20         0         0         0           Wed         9/2/20         59,250         59,250         0           Thu         9/3/20         59,250         59,250         0           Fri         9/4/20         40,000         40,000         0           Sat         9/5/20         0         0         0           Sat         9/6/20         0         0         0           Mon         9/7/20         54,750         0         54,750           Tue         9/8/20         54,750         0         54,750           Wed         9/9/20         46,000         0         46,000           Thu         9/10/20         60,500         0         60,500         0.40         Rain           Fri         9/11/20         0		
Mon         8/31/20         2,500         2,500         0           Tue         9/1/20         0         0         0           Wed         9/2/20         59,250         59,250         0           Thu         9/3/20         59,250         59,250         0           Fri         9/4/20         40,000         40,000         0           Sat         9/5/20         0         0         0           Sat         9/6/20         0         0         0           Mon         9/7/20         54,750         0         54,750           Tue         9/8/20         54,750         0         54,750           Wed         9/9/20         46,000         0         46,000           Thu         9/10/20         60,500         0         60,500         0.40         Rain           Fri         9/11/20         0		
Mon         8/31/20         2,500         2,500         0           Tue         9/1/20         0         0         0           Wed         9/2/20         59,250         59,250         0           Thu         9/3/20         59,250         59,250         0           Fri         9/4/20         40,000         40,000         0           Sat         9/5/20         0         0         0           Sat         9/6/20         0         0         0           Mon         9/7/20         54,750         0         54,750           Tue         9/8/20         54,750         0         54,750           Wed         9/9/20         46,000         0         46,000           Thu         9/10/20         60,500         0         60,500         0.40         Rain           Fri         9/11/20         0		
Tue         9/1/20         0         0         0           Wed         9/2/20         59,250         59,250         0           Thu         9/3/20         59,250         59,250         0           Fri         9/4/20         40,000         40,000         0           Sat         9/5/20         0         0         0           2 Sun         9/6/20         0         0         0           Mon         9/7/20         54,750         0         54,750           Tue         9/8/20         54,750         0         54,750           Wed         9/9/20         46,000         0         46,000           Thu         9/10/20         60,500         0         60,500         0.40         Rain           Fri         9/11/20         0 <td></td> <td></td>		
Tue         9/1/20         0         0         0           Wed         9/2/20         59,250         59,250         0           Thu         9/3/20         59,250         59,250         0           Fri         9/4/20         40,000         40,000         0           Sat         9/5/20         0         0         0           2 Sun         9/6/20         0         0         0           Mon         9/7/20         54,750         0         54,750           Tue         9/8/20         54,750         0         54,750           Wed         9/9/20         46,000         0         46,000           Thu         9/10/20         60,500         0         60,500         0.40         Rain           Fri         9/11/20         0 <td>74</td> <td>Dry</td>	74	Dry
Wed         9/2/20         59,250         59,250         0           Thu         9/3/20         59,250         59,250         0           Fri         9/4/20         40,000         40,000         0           Sat         9/5/20         0         0         0           2         Sun         9/6/20         0         0         0           Mon         9/7/20         54,750         0         54,750         0           Tue         9/8/20         54,750         0         54,750         0           Wed         9/9/20         46,000         0         46,000         0           Thu         9/10/20         60,500         0         60,500         0         0.40         Rain           Fri         9/11/20         0		
Thu         9/3/20         59,250         59,250         0           Fri         9/4/20         40,000         40,000         0           Sat         9/5/20         0         0         0           Sun         9/6/20         0         0         0           Mon         9/7/20         54,750         0         54,750           Tue         9/8/20         54,750         0         54,750           Wed         9/9/20         46,000         0         46,000           Thu         9/10/20         60,500         0         60,500           Fri         9/11/20         0         0         0           Sat         9/12/20         0         0         0	80	Dry
Fri         9/4/20         40,000         40,000         0           Sat         9/5/20         0         0         0           2         Sun         9/6/20         0         0         0           Mon         9/7/20         54,750         0         54,750         0           Tue         9/8/20         54,750         0         54,750         0           Wed         9/9/20         46,000         0         46,000         0           Thu         9/10/20         60,500         0         60,500         0         0.40         Rain           Fri         9/11/20         0		
Sat     9/5/20     0     0     0       2     Sun     9/6/20     0     0       Mon     9/7/20     54,750     0     54,750       Tue     9/8/20     54,750     0     54,750       Wed     9/9/20     46,000     0     46,000       Thu     9/10/20     60,500     0     60,500       Fri     9/11/20     0     0     0       Sat     9/12/20     0     0     0	80	Dry
2     Sun     9/6/20     0     0     0       Mon     9/7/20     54,750     0     54,750       Tue     9/8/20     54,750     0     54,750       Wed     9/9/20     46,000     0     46,000       Thu     9/10/20     60,500     0     60,500       Fri     9/11/20     0     0     0       Sat     9/12/20     0     0     0		
Mon         9/7/20         54,750         0         54,750           Tue         9/8/20         54,750         0         54,750           Wed         9/9/20         46,000         0         46,000           Thu         9/10/20         60,500         0         60,500           Fri         9/11/20         0         0         0           Sat         9/12/20         0         0         0		
Tue         9/8/20         54,750         0         54,750           Wed         9/9/20         46,000         0         46,000           Thu         9/10/20         60,500         0         60,500         0.40         Rain           Fri         9/11/20         0	82	Dry
Thu         9/10/20         60,500         0         60,500         0.40         Rain           Fri         9/11/20         0		
Thu         9/10/20         60,500         0         60,500         0.40         Rain           Fri         9/11/20         0	82	Dry
Fri         9/11/20         0         0         0           Sat         9/12/20         0         0         0	84	Damp
Sat 9/12/20 0 0 0		·
3 Sun 9/13/20 0 0 0		
Mon 9/14/20 59,500 0 59,500	74	Dry
Tue 9/15/20 59,000 0 59,000	71	Dry
Wed         9/16/20         47,333         0         47,333		
Thu 9/17/20 47,333 0 47,333	70	Dry
Fri 9/18/20 47,333 0 47,333	72	Dry
Sat 9/19/20 0 0 0		
4 Sun 9/20/20 0 33,750 33,750	59	Dry
Mon 9/21/20 0 33,750 33,750	68	Dry
Tue 9/22/20 0 59,000 59,000	75	Dry
Wed         9/23/20         0         59,000         59,000		
Thu 9/24/20 0 56,333 56,333	76	Dry
Fri 9/25/20 0 56,333 56,333		
Sat         9/26/20         0         56,333         56,333         0.10         Rain	75	Damp
5 Sun 9/27/20 82,000 82,000 0	71	Dry
Mon 9/28/20 55,875 55,875 0		
Tue 9/29/20 55,875 55,875 0		
Wed         9/30/20         55,875         55,875         0		
Thu 10/1/20 55,875 55,875 0	70	Dry
Fri 10/2/20 2,500 2,500 0		
Sat 10/3/20 0 0 0		
Monthly Totals: 884,624 762,624 830,998 0.50		
Max Weekly: 308,000 354,499 354,499 0 0		
Inches/Acre/Week (Max): 1.84 2.11 2.12 0.00 0.00		

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	10/13/2020



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633
FACILITY:	MALVERN HUNT STP
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355
STAGE:	Final Effluent

		159941	8		001 OUTFALL NUMBER			
	PERI	MIT NUI	MBER					
	MONITORING PERIOD							
10	YEAR	МО	DAY		YEAR	МО	DAY	
FROM	2020	10	01	то	2020	10	31	

eporting Frequency:	Monthly	
MR Effective From:	10/01/2020	
MR Effective To:	10/31/2020	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QUANTITY OR LOADING		QUANTITY OR CONCENTRATION				CAMPLING EDECHENCY	CAMPLING TVDE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
рН (00400)	Sample Measurement	***	***	***	7.46	***	7.46	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1.0	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	2.5	***	mg/L	1/month	Grab
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments								-	4	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

		159941	8			516778	3		
	PERM	MIT NU	MBER		OUTF	ALL NU	IMBER		
11			MONITO	DRING	PERIOD				
10	YEAR	МО	DAY		YEAR	МО	DAY		
FROM	2020	10	01	то	2020	10	31		

eporting Frequency:	Monthly	
MR Effective From:	10/01/2020	
MR Effective To:	10/31/2020	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QU	ANTITY OR LOAD	ING	QL	JANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYP
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITP
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	195	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Total Suspended Solids (00530)	Sample Measurement	***	***	***	136	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
Flow (50050)	Sample Measurement	.04913	.1012	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sampling date: 10/12/2020.						+		1	



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Oct 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-11-11T13:31:27-05:00	
Oct 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-11-11T13:31:01-05:00	

### PERMIT VIOLATIONS

1	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments	

### **UNAUTHORIZED DISCHARGES**

-													
	Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
1						

### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of	- du Kallin	(717)	278-3444	2020	11	11
ruffinip	the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Year: Facility Name: Malvern Hunt STP Month: **10**\_(select number) 2020 Municipality: East Whiteland Twp. Permit No.: 1599418 Outfall: County: Chester Spray Renewal application due <u>180 days</u> prior to expiration.

This permit will expire on: November 30, 2021 Watershed: 3F-Wissahickon Laboratories: ALS Environmental

Labo	ratories:	ALS	Environme	ental						-	This permit v	vill ex	cpire on:	Nov	ember 30, 202	1	
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		pН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
	Thu	10/1/20	0.11175														
	Fri	10/2/20	0.005														
	Sat	10/3/20	0.0														
1	Sun	10/4/20	0.074														
	Mon	10/5/20	0.063														
	Tue	10/6/20	0.011														
	Wed	10/7/20	0.076														
	Thu	10/8/20	0.0														
	Fri	10/9/20	0.0625														
	Sat	10/10/20	0.0625														
2	Sun	10/11/20	0.089														
	Mon	10/12/20	0.0645		2.5	<	5.0				7.46						
	Tue	10/13/20	0.0645					<	1.0								
	Wed	10/14/20	0.066														
	Thu	10/15/20	0.06625														
	Fri	10/16/20	0.06625														
	Sat	10/17/20	0.06625														
3	Sun	10/18/20	0.06625	$\Box$													
	Mon	10/19/20	0.072														
	Tue	10/20/20	0.072	H													
	Wed	10/21/20	0.071														
	Thu	10/22/20	0.071											1			
	Fri	10/23/20	0.067														
	Sat	10/24/20	0.067														
4	Sun	10/25/20	0.067														
	Mon	10/26/20	0.07867											1			
	Tue	10/27/20	0.07867											+			
	Wed	10/28/20	0.07867														
	Thu	10/29/20	0.063														
	Fri	10/30/20	0.076											1			
	Sat	10/31/20	0.076														
5														1			
				$\vdash$										+			
Statist	ics for DMR																
		um (Conc.):		61 - 1	2.5	<	5	<	1	1	7.46						
	Daily Maxim				2.5	~	5	<	1		7.46			1			
ı	Max Avg Wee			$\vdash$	2.5	~	5	<u> </u>	•		•			1			
·		thly (Conc.):		$\vdash$	2.5	<	5							1			
	Geometric Me			$\vdash$	<del>•</del>		<u> </u>	<	1	$\vdash$							
	Max Avg We		0.074		1	<	3		-								
		nthly (Load):	0.062992	$\vdash$	1	<	3							1			
		nthly (Load):	1.952748		42	~	83										
		num (Load):	0		1	<	3										
		num (Load):	0.11175	$\vdash$	1	<	3							1			
l	. ,	,,.			•		-								<u>I</u>		

Prepared By:	Paul F. Ruttini	License No.:	S6899
Title:	Agent	Date:	11/11/2020 12:39



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: <b>10</b> (Select number)	Year: <b>2020</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: <b>1599418</b>	Outfall: Spray
Watershed:	3F-Wissahicl		This permit will expire on:	30-Nov-21

		Ī	Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	<u> </u>		Average	1
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precip	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Туре	°F	Ground Conditions
	Thu	10/1/20	55,875	55,875	0					70	Dry
	Fri	10/2/20	2,500	2,500	0			0.20	Rain	70	Damp
	Sat	10/3/20	0	0	0						
1	Sun	10/4/20	37,000	0	37,000 31,500					54	Dry
	Mon	10/5/20		31,500 0						67	Dry
	Tue	10/6/20	5,500	0	5,500					69	Dry
	Wed	10/7/20	38,000	0	38,000					62	Dry
	Thu	10/8/20	0	0	0					74	Dry
	Fri	10/9/20	31,250	0	31,250						
	Sat	10/10/20	31,250	0	31,250						
2	Sun	10/11/20	44,500	0	44,500			0.00	D-'-	63	Dry
$\parallel$	Mon	10/12/20	0	32,250	32,250			0.20	Rain	60	Wet
$\parallel$	Tue	10/13/20	0	32,250	32,250						
	Wed	10/14/20	0	33,000	33,000					68	Dry
	Thu	10/15/20	0	33,125	33,125					72	Dry
	Fri	10/16/20 10/17/20	0	33,125	33,125						
3	Sat Sun	10/17/20	0	33,125 33,125	33,125 33,125						
		10/18/20								C.F.	Dmi
$\parallel$	Mon Tue	10/19/20	36,000 36,000	36,000 36,000	0					65	Dry
$\vdash$	Wed	10/20/20	35,500	35,500	0					67	Dry
$\vdash$	Thu	10/21/20	35,500	35,500						07	ыу
$\vdash$	Fri	10/22/20	33,500	33,500	0					74	Dm/
$\vdash$	Sat	10/23/20	33,500	33,500	0					74	Dry
4	Sun	10/24/20	33,500	33,500	0						
-	Mon	10/25/20	39,333	0	39,333			0.20	Rain	50	Wet
H +	Tue	10/27/20	39,333	0	39,333			0.20	rtain	- 00	
	Wed	10/27/20	39,333	0	39,333						
	Thu	10/29/20	31,500	0	31,500			1.00	Rain	57	Wet
$\parallel$	Fri	10/30/20	38,000	0	38,000			0.50	Rain	45	Wet
$\parallel$	Sat	10/31/20	38,000	0	38,000			5.00		- "	
5		10,0,,20	33,333	Ť	30,000						
							1				
							1				
	Mon	thly Totals:	746,374	531,875	674,499			2.10			
	M	ax Weekly:	258,999	243,125	241,375	0	0		9		
Inch	nes/Acre/W	eek (Max):	1.55	1.45	1.45	0.00	0.00	1			

Prepared By:	Paul F. Ruffini	License No.:	S 6899	S 6899
Title:	Agent	Date:	11/11/2020	1/11/2020
	·			



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

1599418

PERMIT NUMBER

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

			MONITO	DRING	PERIOD		
10	YEAR	МО	DAY		YEAR	МО	DAY
FROM	2020	11	01	то	2020	11	30
	_				_		

**OUTFALL NUMBER** 

eporting Frequency:	Monthly
MR Effective From:	11/01/2020
MR Effective To:	11/30/2020
ermit Expires:	11/30/2021
ermit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING TYPE
pH (00400)	Sample Measurement	***	***	***	7.3	***	7.3	S.U.	1/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	5.0	***	mg/L	1/month	Grab
	Permit Requirement	***	***	1	***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	< 1	***	CFU/100 ml	1/month	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
arbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	< 2.0	***	mg/L	1/month	Grab
1	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments									*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME: EAST WHITELAND TWP CHESTER CNTY

ADDRESS: 209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Influent

	159941	8		516778				
PERM	MIT NUI	MBER		OUTF	ALL NU	MBER		
		MONITO	DRING	PERIOD				
YEAR	МО	DAY		YEAR	МО	DAY		
2020	11	01	то	2020	11	30		
	PERM	PERMIT NUI	YEAR MO DAY	PERMIT NUMBER  MONITORING  YEAR MO DAY	PERMIT NUMBER  OUTFA  MONITORING PERIOD  YEAR MO DAY YEAR	PERMIT NUMBER  OUTFALL NU  MONITORING PERIOD  YEAR MO DAY YEAR MO		

Reporting Frequency:	Monthly
MR Effective From:	11/01/2020
OMR Effective To:	11/30/2020
ermit Expires:	11/30/2021
Permit Application Due:	06/03/2021
lo Discharge:	

PARAMETER		QU	QUANTITY OR LOADING			JANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING I TP	
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	396	***	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report	
	Facility Parameter Comments	Sample date: 11/9	/2020								
Total Suspended Solids (00530)	Sample Measurement	***	***	***	470	***	***	mg/L	1/month	Grab	
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report	
	Facility Parameter Comments										
Flow (50050)	Sample Measurement	.0511	.0647	MGD	***	***	***	***	Continuous	Recorded	
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded	
Facility Sampling Point Comments	Sample date: 11/9/2020	•									



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

### ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Nov 2020 Eff Mon Supp Form.pdf	Daily Effluent Monitoring Form	2020-12-03T12:15:43-05:00	
Nov 2020 Land App Supp Form.pdf	Land Application Systems Form	2020-12-03T12:16:20-05:00	

### **PERMIT VIOLATIONS**

1	Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

### **UNAUTHORIZED DISCHARGES**

-													
	Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

### OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

### **COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Edwin D. Jamieson III	T1655	(484)-746-0895

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under	Paul Ruffini	TELEPHO	ONE		DATE	
	penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the	. aa. raiiii	(717)	278-3444	2020	12	03
ruffinip	information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	МО	DAY





## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Malvern Hunt STP Month: **11** \_(select number) Year: 2020 Municipality: East Whiteland Twp. Permit No.: **1599418** Outfall: County: Chester **Spray** Watershed: 3F-Wissahickon Renewal application due 180 days prior to expiration. Laboratories: ALS Environmental This permit will expire on: November 30, 2021

Labo	oratories:	ALS	Environme	entai						-	This permit v	viii ex	(pire on:	Nov	ember 30, 202 <sup>-</sup>	<u> </u>	
		Parameter	Flow		CBOD5		TSS	Fe	cal Coliform		рН						
		Stage	1		1		1		1		1						
Week	Day	Date	MGD	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	S.U.	Q		Q		Q	
					_		_										
1	Sun	11/1/20	0.076														
	Mon	11/2/20	0.045														
	Tue	11/3/20	0.06														
	Wed Thu	11/4/20 11/5/20	0.0525 0.0525	$\vdash$						-							
-	Fri	11/6/20	0.0323	$\vdash$										+			
	Sat	11/7/20	0.04633														
2	Sun	11/8/20	0.04633											+			
	Mon	11/9/20	0.071	<	2.0		5.0				7.3						
	Tue	11/10/20	0.052					<	1.0								
	Wed	11/11/20	0.0532														
	Thu	11/12/20	0.0532														
	Fri	11/13/20	0.0532														
	Sat	11/14/20	0.0532														
3	Sun	11/15/20	0.0532														
	Mon	11/16/20	0.056														
	Tue	11/17/20	0.0505														
	Wed	11/18/20	0.0505														
	Thu	11/19/20	0.047														
	Fri	11/20/20	0.047														
	Sat	11/21/20	0.047 0.047														
4	Sun Mon	11/22/20 11/23/20	0.047							-				1			
	Tue	11/23/20	0.035	$\vdash$													
-	Wed	11/25/20	0.089	$\vdash$													
	Thu	11/26/20	0.056														
	Fri	11/27/20	0.056							1							
	Sat	11/28/20	0.056											1			
5	Sun	11/29/20	0.056														
	Mon	11/30/20	0.0														
										k = -:	3 8	b 8					j:
Statis	tics for DMR					_					7.0			_			
		um (Conc.):		<	2		5	<	1		7.3 7.3						
	Daily Maxim Max Avg Wee			< <	2	$\vdash$	5	-	11	$\vdash$	1.3	<del>                                     </del>		$\vdash$			
		thly (Conc.):		`	2	$\vdash$	5			$\vdash$		-		-			
	Geometric Me			$\vdash$	_			<	1	$\vdash$		-		+			
	Max Avg We		0.05459	<	1	$\vdash$	3		<u> </u>	$\vdash$				+			
		nthly (Load):	0.0514	<	1		3							1			
	Total Mo	nthly (Load):	1.541999	<	36		89							1			
		num (Load):	0	<	1		3							1			
	Daily Maxim	num (Load):	0.089	<	1		3										

Prepared By:	Paul F. Ruffini	License No.	: S6899
Title:	Agent	Date:	12/3/2020 11:26



### SUPPLEMENTAL REPORT LAND APPLICATION SYSTEMS

Facility Name:	Malver	n Hunt STP	Month: 11 (Select number)	Year: <b>2020</b>
Municipality:	East Whiteland Township	County: Chester	Permit No.: 1599418	Outfall: Spray
Watershed:	3F-Wissahicl	· · · · · · · · · · · · · · · · · · ·	This permit will expire on:30	-Nov-21

			Zone: 1	Zone: 2	Zone: 3	Zone:	Zone:	<u> </u>		Average	
			Acres: 6.16	Acres: 6.19	Acres: 6.15	Acres:	Acres:	Precin	itation	Temp	
Week	Day	Date	Gallons	Gallons	Gallons	Gallons	Gallons	Inches	Type	°F	Ground Conditions
week	Бау	Date	Galions	Galions	Gallons	Galions	Gallotis	liiches	rype		Ground Conditions
<b> </b>											
$\parallel$											
1	Sun	11/1/20	38,000	0	38,000						
H ' +	Mon	11/2/20	0	22,500	22,500					50	Damp
	Tue	11/3/20	0	30,000	30,000					48	Dry
	Wed	11/4/20	0	26,250	26,250					60	Dry
	Thu	11/5/20	0	26,250	26,250					- 00	Diy
	Fri	11/6/20	0	23,166	23,166						
	Sat	11/7/20	0	23,166	23,166						
2	Sun	11/8/20	0	23,166	23,166						
<b>├</b>	Mon	11/9/20	35,500	35,500	0					60	Dry
$\vdash$	Tue	11/10/20	26,000	26,000	0					70	Dry
	Wed	11/11/20	26,600	26,600	0			0.20	Rain	60	Wet
	Thu	11/12/20	26,600	26,600	0			0.20			
	Fri	11/13/20	26,600	26,600	0						
	Sat	11/14/20	26,600	26,600	0						
3	Sun	11/15/20	26,600	26,600	0						
	Mon	11/16/20	28,000	0	28,000					58	Dry
	Tue	11/17/20	25,250	0	25,250						,
	Wed	11/18/20	25,250	0	25,250						
	Thu	11/19/20	23,500	0	23,500						
	Fri	11/20/20	23,500	0	23,500						
	Sat	11/21/20	23,500	0	23,500						
4	Sun	11/22/20	23,500	0	23,500			0.10	Rain	45	Wet
	Mon	11/23/20	0	17,500	17,500						
	Tue	11/24/20	0	17,500	17,500					50	Dry
	Wed	11/25/20	0	44,500	44,500			0.10	Rain	60	Wet
	Thu	11/26/20	0	28,000	28,000						
	Fri	11/27/20	0	28,000	28,000						
	Sat	11/28/20	0	28,000	28,000						
5	Sun	11/29/20	0	28,000	28,000						
	Mon	11/30/20	0	0	0			3.00	Rain	62	Wet
		thly Totals:	405,000	560,498	576,498			3.40			
		ax Weekly:	175,600	191,066	189,332	0	0				
Inch	nes/Acre/W	еек (Max):	1.05	1.14	1.13	0.00	0.00				

Prepared By:	Paul F. Ruffini	License No.:	S 6899
Title:	Agent	Date:	12/3/2020



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

EAST WHITELAND TWP CHESTER CNTY
209 CONESTOGA RD, FRAZER PA, 19355-1633

FACILITY: MALVERN HUNT STP

LOCATION: SWEEDSFORD ROAD, FRAZER PA, 19355

STAGE: Final Effluent

NAME:

ADDRESS:

1599418
PERMIT NUMBER

FROM

001
OUTFALL NUMBER

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 2020
 12
 01
 TO
 2020
 12
 31

Reporting Frequency:

DMR Effective From:
DMR Effective To:

Permit Expires:

Permit Application Due:

No Discharge:

Monthly
12/01/2020
12/31/2020
11/30/2021
06/03/2021

PARAMETER		QUA	NTITY OR LOA	DING	Q	UANTITY OR C	ONCENTRATIC	N	SAMPLING EDECHENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.	B	
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L	- i	
	Permit Requirement	***	***		***	30.0 Avg Mo	***		1/month	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	***	***	CFU/100 ml		
	Permit Requirement	***	***		***	200 Geo Mean	***		1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	25.0 Avg Mo	***		1/month	Grab
Facility Sampling Point Comments									*	



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER DISCHARGE MONITORING REPORT (DMR)

NAME:	EAST WHITELAND TWP CHESTER CNTY	
ADDRESS:	209 CONESTOGA RD, FRAZER PA, 19355-1633	_
FACILITY:	MALVERN HUNT STP	
LOCATION:	SWEEDSFORD ROAD, FRAZER PA, 19355	
STACE:	Influent	-

		159941	8		516778								
	PERM	/IT NU	MBER		OUTF	ALL NU	IMBER						
			MONITO	ORING	PERIOD								
10	YEAR	МО	DAY		YEAR	МО	DAY						
FROM	2020	12	01	то	2020	12	31						

eporting Frequency:	Monthly	
MR Effective From:	12/01/2020	
MR Effective To:	12/31/2020	
ermit Expires:	11/30/2021	
ermit Application Due:	06/03/2021	
lo Discharge:		

PARAMETER		QU	ANTITY OR LOAD	ING	QU	ANTITY OR C	ONCENTRATIO	N	SAMPLING FREQUENCY	SAMPLING TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	SAMPLING FREQUENCY	SAMPLING ITPE
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	***	***	***	265	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 12/7	/20.							
Total Suspended Solids (00530)	Sample Measurement	***	***	***	133	***	***	mg/L	1/month	Grab
	Permit Requirement	***	***		Monitor & Report Avg Mo	***	***		Monitor & Report	Monitor & Report
	Facility Parameter Comments	Sample date: 12/7	/20.							
Flow (50050)	Sample Measurement	.0551	.0614	MGD	***	***	***	***	Continuous	Recorded
	Permit Requirement	.105 Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Facility Sampling Point Comments	Sample date: 12/7/20.	•			-					



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

**DISCHARGE MONITORING REPORT (DMR)** 

File Name			Attachment Type						Uploaded Time			Attachment Comments			
ERMIT VIOLATIONS	3														
Non-Compliance ID	Event Start Date	Limit Type Reported		ported Value	Value Permit Limit Unit		Samplin	Sampling Point		Cause Of Non-Compliance		ive Action	Comments		
NAUTHORIZED DIS	CHARGES														
Non-Compliance ID	Event Start Date		Substance Discharged			ent Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of	f Discharge	Date and Time DE Orally	P Notified	Comments
THER PERMIT VIOL	LATIONS														
Non-Compliance ID Non-Compliance Type Sampling Po				g Point	Parameter				Reported Value			Permit Limit		Comments	
DAMENT DETAILS															
OMMENT DETAILS	Comments				i		Operator Name		C	Operator Certification	Number	į.	•	or Contact Numl	per
OMMENT DETAILS	Comments				Ì		Operator Name vin D. Jamieson III		C	Operator Certification T1655	Number		•	or Contact Numl	per
OMMENT DETAILS									C	•	Number		•		per
	MATION  *Pursuant to the Pennsylvani electronic transaction with	the Commonwea	Ith of Penns	sylvania.	You are subr	Edw nuary 15, 2002 mitting official	vin D. Jamieson III  2, you are about information. You	certify under	Paul Ruffii	T1655	Number TELEPHC	DNE	•		per
UBMISSION INFOR	MATION  *Pursuant to the Pennsylvani	the Commonwea nent and all attacl that qualified pers	lth of Penns hments were connel gathe	sylvania. re prepare er and eva	You are subred under you aluate the inf	nuary 15, 2002 mitting official i r direction or s formation subn	vin D. Jamieson III  2, you are about information. You supervision in acconitted. Based on	certify under cordance with a your inquiry of		T1655		DNE 278-3444	•	84)-746-0895	per 11